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Planning Commission Staff Report

TO: PLANNING COMMISSION / DESIGN REVIEW BOARD

FROM: STEPHANIE BUBENHEIM, PLANNER II *SB*
(480) 503-6625, STEPHANIE.BUBENHEIM@GILBERTAZ.GOV

THROUGH: CATHERINE LORBEER, AICP, PRINCIPAL PLANNER *ajl*
(480) 503-6016, CATHERINE.LORBEER@GILBERTAZ.GOV

MEETING DATE: JANUARY 8, 2020

SUBJECT: DR19-117, COPENHAGEN EAST VALLEY

STRATEGIC INITIATIVE: Exceptional Built Environment

Broaden the mix of unique shopping options in the SanTan Village area.

RECOMMENDED MOTION

Approve the Findings of Fact and approve DR19-117, Copenhagen East Valley: site plan, landscape, grading and drainage, elevations, floor plans, lighting, colors and materials for approximately 2.68 acres, generally located north of the intersection of Santan Village Parkway and Coronado Road and zoned Regional Commercial (RC).

APPLICANT

Company: Bowman Consulting
Name: John J. Gray
Address: 1295 W. Washington St. Ste. 108
Tempe, AZ 85281
Phone: 480-559-8351
Email: jgray@bowmanconsulting.com

OWNER

Company: San Tan Development Group
Name: Ty LeSueur
Address: 3850 E. Baseline Rd. Ste. 114
Mesa, AZ 85206
Phone: 480-424-3424
Email: ty@lesueurinvestments.com

BACKGROUND/DISCUSSION

History

Date	Description
<i>January 5, 1999</i>	Town Council approved Z98-27 adopting Ordinance No. 1142 for approximately 522.68 acres for the Crossroads Center PAD with an underlying zoning designation of C-2 (General Commercial).
<i>November 16, 1999</i>	Town Council approved Z99-41 adopting Ordinance No. 1230 to add 63 acres to Crossroads Center PAD, in addition to adding new conditions, and amending the Development Plan.
<i>May 19, 2011</i>	Town Council approved Z11-10 adopting Ordinance No. 2326 to remove approximately 19 acres from the Crossroads Center PAD and rezone to conventional Regional Commercial (RC) zoning (Parcel C).
<i>August 3, 2011</i>	Planning Commission approved UP11-07 and for multi-family housing in a Regional Commercial zoning district.
<i>August 11, 2011</i>	Design Review Board approved DR11-08 for a 382 unit multi-family development.
<i>December 6, 2017</i>	Planning Commission approved DR17-1121 Tru Hotel and a master site plan that includes the subject site.
<i>October 2, 2019</i>	Planning Commission reviewed DR19-117 as a study session item.

Overview

Copenhagen East Valley is a Danish furniture store proposing its second east valley location within the SanTan Village Marketplace area located north of the intersection of Santan Village Parkway and Coronado Road, just southwest of the Tru Hotel property. Copenhagen will be a 31,024 sq. ft. single story building centered on the 2.68 acre site.

The subject site is conventionally zoned Regional Commercial (RC) and was removed from the Crossroads Center PAD in 2008 as part of Parcel C. However, Parcel C still embodies the intent, character and design aesthetics of the SanTan Village area. The site is part of the master sign plan and the SanTan Village right-of-way landscape requirements that presents a unique character area within the Town of Gilbert.

Surrounding Land Use & Zoning Designations:

	Existing Land Use Classification	Existing Zoning	Existing Use
North	Regional Commercial	Regional Commercial (RC)	Redstone at SanTan Village Apartments and Tru Hotel
South	Regional Commercial	Regional Commercial (RC) PAD	San Tan Regional Mall
East	Regional Commercial	Regional Commercial (RC) PAD	Tru Hotel, Santan Village Parkway and then San Tan Regional Mall
West	Regional Commercial	Regional Commercial (RC) PAD	Coronado Road, then vacant property

Site	Regional Commercial	Regional Commercial (RC)	Vacant
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Project Data Table

Site Development Regulations	Required per LDC	Proposed
Maximum Building Height	55'	27'
Minimum Setback		
Front to ROW	25'	25'
Side to ROW	20'	105' 2"
Side to non-residential	0' internal to site*	54' 10"
Rear to non-residential	20'	43'
Minimum Required Perimeter Landscape Area		
Front to ROW	25'	25'
Side to ROW	20'	20'
Side to non-residential	0' internal to site*	0'
Rear to non-residential	20'	20'
Landscaping (% of net lot area)	15%	26.5%

* may be reduced internal to site in conformance with LDC Section 2.304.E.

DISCUSSION

The site is part of an approved master site plan with Tru Hotel (DR17-1121) and shares an existing right in/right out driveway entrance and drive aisle with Tru Hotel along Santan Village Parkway. The Copenhagen site proposes an additional full motion access point along Coronado Road. The building is placed at the center of the site with parking spaces lining the building and a drive aisle for one-way truck access at the rear. A loading dock is proposed at the northeast corner of the building. The site will also provide a pedestrian connection to the apartment complex to the north as part of the Conditional Use Permit approval for the apartment complex. The pedestrian route to Santan Village Parkway will have enhanced amenities such as planters and pedestrian scale lighting and will be located next to the terrace and landscape node area on the east side of the building. A sculpture art area is also proposed at the front entrance along Santan Village Parkway.

Landscape

The landscape palette for Copenhagen is following the Santan Village right-of-way approved landscape palette and design. A monument sign is proposed at the corner of Coronado and Santan Village that will match other SanTan Village Marketplace signage and landscape design of turf and annual plantings. The site will be 26.5% landscaped, exceeding the requirements of the RC zoning district. The apartment complex to the north will be installing a pedestrian gate, granting pedestrian access through the Copenhagen site and leading to Santan Village Parkway. Additional landscape amenities along this path, including raised planters, pedestrian scaled lighting and trees, will be installed along this strategic access point provided to residents for ease of access to the commercial development and greater San Tan Village area. The project has incorporated additional trees along Coronado Road and the rear landscape setback abutting the apartment complex to meet landscape standards.

Grading and Drainage

The proposed grading and drainage plan generally meets the requirements of the Town of Gilbert's Engineering Division. Some surface retention will be provided along the north property line with underground storage tanks proposed under the parking and drive aisle fronting Santan Village Parkway.

Elevations, Floor Plan, Colors and Materials

The architectural style of the building is contemporary/modern to reflect the business model and modern design of the furniture that is sold by Copenhagen. The proposed color palette was revised to incorporate three shades of gray that have brown tones and appear beige to make the building colors more compatible with the surrounding development, which has followed a southwest color palette. A red accent that is signature to the Copenhagen brand is incorporated at the main entrance, window panes, doors, terrace, and along the west elevation. Commercial design guidelines note that the use of bright colors such as red should be justified by the overall design and be used as accent colors. The front entrance of the building provides a decorative metal accent wall and large floor to ceiling windows flanking two sides. The decorative metal accent has also been added to the southwest elevation to provide more movement and articulation to that side of the building. There are various modern linear windows placed on all elevations. Color blocking is used to break up the shades of beige on the building and large awnings flanking the main entrance tower feature provide depth to the entrance areas.

Lighting

Parking lot light poles proposed for the Copenhagen site are consistent with the existing parking lot light poles at Tru Hotel to blend with the existing site that shares an access drive. The pedestrian connection from the apartment site will have 12' high modern style light poles. The building will have wall mounted sconce lighting and canopy lighting. Landscape and monument sign lighting are also included in the submittal. All site lighting will be required to comply with Town codes.

Signage

One SanTan Village secondary gateway sign is planned for the corner intersection at Santan Village Parkway and Coronado Road consistent with the SanTan Village Master Sign Plan (MSP) for Parcels A, C, D and E. Other building signage is not included in this approval and must follow the MSP.

PLANNING COMMISSION STUDY SESSION COMMENTS

At the October 2nd Planning Commission (PC) study session, members of the commission provided the following comments:

- A Commissioner requested more clarification on the outdoor terrace area and what it will be used as.
 - *The applicant has stated the outdoor terrace area on the east side of the building will be used for customer open houses and special event activities; it will not be used for outdoor retail sales or merchandise display.*
- Commissioners were concerned about the amount of gray used on the building and the relation to the surrounding developments in the San Tan Village area.

- *The applicant has revised the colors to grays that pull stronger brown/beige hues and have added an additional color. Red will still be used as an accent color as it is the brand color for the user. The proposed colors more closely align with the surrounding developments.*
- Commissioners were concerned with the articulation of the building.
 - *The entrance feature parapet height has been raised to enhance the stepping parapet height character along the front elevation. The large awnings flanking the entrance provide pedestrian scale movement to the building. Color blocking has been adjusted and the main entry feature metal accent projection has been carried over to the west elevation to provide further articulation to a previously flat wall. The parapet of this accent area has also been raised to provide further vertical movement. The rear elevation parapet height varies from 1'-3' and rear doors have been recessed into the building.*

PUBLIC NOTIFICATION AND INPUT

An official notice was posted in all the required public places within the Town and neighborhood notice was provided per the requirements of the Land Development Code (LDC) Article 5.205.

Staff has received no comment from the public.

STAFF RECOMMENDATION

Approve the Findings of Fact and approve DR19-117, Copenhagen East Valley: site plan, landscape, grading and drainage, elevations, floor plans, lighting, colors and materials for approximately 2.68 acres, generally located north of the intersection of Santan Village Parkway and Coronado Road and zoned Regional Commercial (RC), subject to conditions:

1. Construction of the project shall conform to the exhibits approved by the Planning Commission at the January 8, 2020 public hearing.
2. The construction site plan documents shall incorporate the Standard Commercial and Industrial Site Plan Notes adopted by the Design Review Board on March 11, 2004.
3. Signage is not included in this approval. The site is part of the SanTan Village – Parcels A, C, D and E Master Sign Plan (MSP). One secondary gateway sign is planned at the intersection corner and may proceed through sign permits. All other signage must follow the MSP or an Administrative Design Review approval is required to amend the sign plan before proceeding through sign permitting.

Respectfully submitted,

Stephanie Bubenheim
Planner II

Attachments and Enclosures:

- 1) Finding of Fact
- 2) Notice of Public Hearing
- 3) Aerial Photo
- 4) Site Plan
- 5) Landscape
- 6) Grading and Drainage
- 7) Colors and Materials
- 8) Elevations
- 9) Floor Plans
- 10) Lighting

**FINDINGS OF FACT
DR19-117, Copenhagen East Valley**

1. The project as conditioned is consistent with the applicable Design Guidelines;
2. The project conforms to the General Plan, and specifically to the Land Use, Community Design, and Environmental Planning Elements;
3. The project is consistent with all applicable provisions of the Zoning Code;
4. The project is compatible with adjacent and nearby development; and
5. The project design provides for safe and efficient provisions of public services.

Notice of Public Hearing

DR19-117 Copenhagen East Valley
Attachment 2: Notice of Public Hearing
January 8, 2020

PLANNING COMMISSION DATE:

Wednesday, January 8, 2020* TIME: 6:00 PM

**LOCATION: Gilbert Municipal Center
Council Chambers
50 E. Civic Center Dr.
Gilbert, AZ 85296**

***Call Planning Division to verify date and time: (480) 503-6625**

* The application is available to the public for review at the Town of Gilbert Planning Division Monday - Thursday 7AM - 6PM. Staff reports are available prior to the meeting at www.gilbertaz.gov/departments/development-services/planning/planning-commission and www.gilbertdocs.com/gilbertagendaonline.

REQUESTED ACTION:

DR19-117 COPENHAGEN EAST VALLEY: Site plan, landscape, grading and drainage, elevations, floor plans, lighting, colors and materials for approximately 2.68 acres, generally located on the northwest corner of Santan Village Parkway and Corondao Road, and zoned Regional Commercial (RC).

SITE LOCATION:



**APPLICANT: Bowman Consulting Group
CONTACT: John J. Gray
ADDRESS: 1295 W. Washington St., Suite 108
Tempe, AZ 85281**

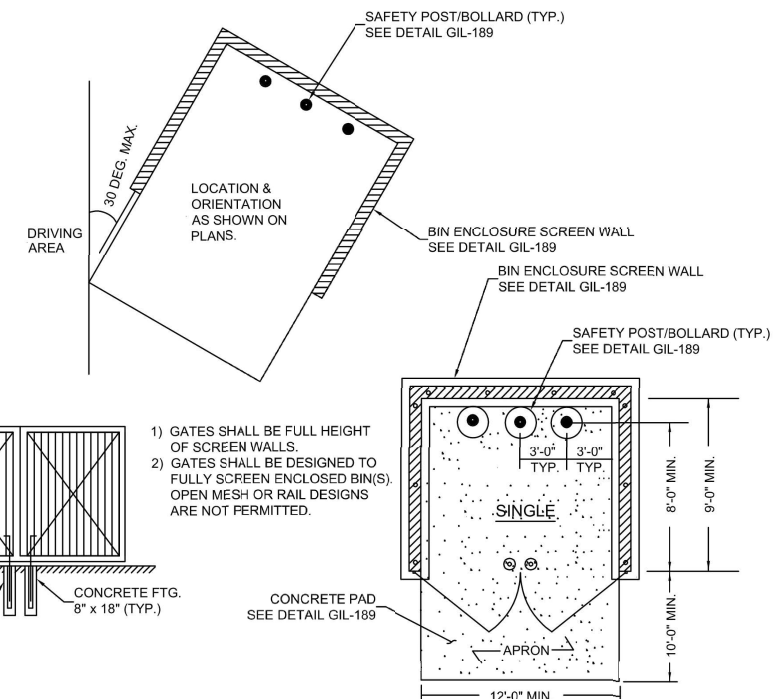
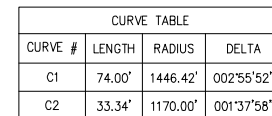
**TELEPHONE: (480) 559-8351
E-MAIL: jgray@bowmanconsulting.com**



OWNER:
COPENHAGEN IMPORTS INC.
1701 EAST CAMELBACK ROAD
PHOENIX, AZ 85016
PHONE: (602) 266-8061
E-MAIL: jens@copenhagenliving.com

FRONT BUILDING SETBACK REQUIRED: 25 FEET
SIDE BUILDING SETBACK REQUIRED: 20 FEET
REAR BUILDING SETBACK REQUIRED: 20 FEET

OFF-SITE LANDSCAPE AREA:	0.051 ACRES (2,225 S.F.)
ON-SITE LANDSCAPE AREA:	0.74 ACRES (32,205 S.F.)
TOTAL LANDSCAPE AREA:	0.79 ACRES (34,430 S.F.)
LANDSCAPE SITE PERCENTAGE:	27.61%



TRASH ENCLOSURE DETAIL

EXISTING LANDSCAPE & IRRIGATION NOTES

1. Site verify all existing conditions prior to bidding. Any discrepancies are to be brought to the Landscape Architect immediately.
2. All plant material designated as "existing to remain" shall be protected during all phases of construction. Any tree that dies due to lack of water, lack of maintenance or care, neglect or vandalism shall be replaced by a like type tree, and equal tree size. At no additional cost to owner. Cacti that die shall be replaced with like type, height and size. All shrubs and groundcover shall be replace with 5 gallon plants.
3. Landscape areas disturbed by new construction shall be repaired new decomposed granite matching existing. Blend all disturbed areas with undisturbed so there is smooth transition between all edges. Replace all disturbed, broken or damaged headers with matching type.
4. All existing plant material and adjacent plant material shall have uninterrupted watering during all phases of construction. This shall include but not be limited to: hand watering, temporary above ground irrigation, existing system, etc.
5. The existing irrigation system shall be protected, maintained and repaired during all phases of construction. The existing system is tied in adjacent properties. All equipment such as mainline, wires, lateral heads and etc. shall be repaired and replaced to maintain continuous and replaced to maintain continuous water.
6. Provide new schedule 40 sleeves at all new drives. (See sleeve schedule for size.) Any existing irrigation system is to be maintained at all times during construction and guarantee 100% coverage.
7. All existing trees to remain, shall be selectively pruned per Landscape Architects direction.
8. All existing shrubs within the sight distance lines and sight visibility triangles shall be selectively pruned to a maximum height of 30".
9. All trees shall be lifted to clear height of 7'.
10. Landscape contractor and general contractor are responsible for locating all existing irrigation sleeves prior to setting any pavers and/or concrete.
11. Landscape contractor shall bore under existing sidewalk rather than saw cut to place new sleeves.

TOWN OF GILBERT NOTES:

1. A Town of Gilbert permit is required for the installation of any landscape or irrigation system. A CD with PDF format "AS-BUILTS" of the landscape and irrigation plans is also required.
2. Before the Town of Gilbert will accept an installed backflow device for approval, the following must be accomplished: The device must be tested by a State Certified Backflow Tester and the test results forwarded to the town of Gilbert Backflow Specialist. The Town will provide a current list of Certified testers from which to select. Testers fees will be at the expense of the installer.
3. Design of any walls, entry monument signage or ramadas that may be presented herein have been reviewed as conceptual only and will require a separate review and permit from the Building Department. In no case shall the dedicated walls, entry monument signage or ramadas be considered final. Approval by the Planing Department is required prior to the issuance of a Building Permit for said walls, entry monuments and ramadas.
4. No plant material shall come within 3 feet of fire hydrants or any Fire Department equipment.
5. No planting or objects within the Town of Gilbert sight visibility triangles shall exceed 2 feet. Trees shall have a 7 feet minimum clear canopy.
6. All trees, shrubs and groundcover shall meet or exceed Arizona Nursery Association (ANA) specifications.
7. Construction may begin after all permits have been obtained.
8. no plant material shall be placed 3' from any fire hydrant, or fire dept. connection (fdc) maintain a minimum vertical clearance of 15' where trees overhang the curb line.

MAINTENANCE NOTE:

All landscape areas and materials shall be maintained in a healthy, neat, clean, and weed-free condition. this shall be the responsibility of the property owner. Construction and installation shall be in accordance with these plans and any deviations will require re-approval. Landscape installations shall be approved by the town of Gilbert inspection services before a certificate of occupancy can be issued.

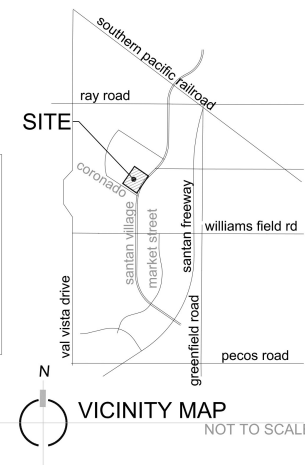


GENERAL LANDSCAPE NOTES:

1. TREE CALIPERS FOR STANDARD (SINGLE) TRUNK TREES SHALL BE MEASURED AT THE WIDEST POINT WITHIN THE FIRST FOUR (4) TO SIX (6) INCHES ABOVE THE SOIL LINE. FOR TREES WITH FOUR (4) INCH CALIPER AND LESS; AND SIX (6) TO TWELVE (12) INCHES FOR TREES GREATER THAN FOUR (4) INCH CALIPER. TREE CALIPER FOR MULTI-TRUNK TREES SHALL BE MEASURED AT THE WIDEST POINT WITHIN THE FIRST SIX (6) INCHES ABOVE ORIGINATION POINT OF THE SECOND LARGEST TRUNK OR SIX (6) INCHES ABOVE GROUND IF ALL TRUNKS ORIGINATE FROM THE SOIL. CALIPER OF MULTIPLE TRUNK TREES SHALL BE DETERMINED BY TAKING THE AVERAGE CALIPER OF ITS TWO (2) LARGEST TRUNKS.
2. TREE CALIPER AND HEIGHT SHALL GOVERN OVER ANY OTHER PLANTING SIZE INFORMATION PROVIDED ON THE DRAWINGS. TREES SPECIFIED BY CONTAINER SIZES ONLY SHALL NOT BE ACCEPTED.
3. THE PROPERTY OWNER AND/OR LESSEE SHALL BE RESPONSIBLE TO INSTALL/MAINTAIN ALL LANDSCAPING WITHIN THE RIGHT-OF-WAY. ALL LANDSCAPING SHALL BE MAINTAINED EXCEPT FOR THE RIGHT-OF-WAY TREES WHICH ARE PART OF THE PUBLIC INFRASTRUCTURE LS AND NOT-A-PART.
4. A THREE (3) FT CLEAR SPACE IS REQUIRED AROUND ALL FIRE SUPPRESSION EQUIPMENT. NO PLANTS MAY BE INSTALLED THAT ENCR OACH UPON THIS CLEAR SPACE WHEN MATURE.

LANDSCAPE DATA -

Gross Site Area:	116,662 s.f. 2.68 Acres
Acreage:	
Gross Building Area:	30,950 s.f. = .71 Acres
Lot coverage Percentage	26.3%
Total on-site Parking	74 spots
Landscape on-site Area:	32,205 s.f. = .74 Acres
Landscape as % of site:	27%
(Turf = 642 s.f. (total)	less than 2% of LS area
TOTAL Landscape Area:	32,205 S.F. (.74 AC.)



LANDSCAPE LEGEND

ALL TREES MUST MEET OR EXCEED CURRENT ANA SPECIFICATIONS		
TREES	SIZE	QTY
Quercus virginiana Heritage Live Oak	24" box	22
Cercidium x 'Desert Museum' Desert Museum	36" box u.o.n. standard 48" box standard	13 1
Dalbergia sissoo Sissoo Tree	24" box standard	13
Phoenix dactylifera Date Palm	20' t.f. diamond cut, matching	2
Chitalpa "Pink Dawn" Chitalpa	2" caliper (min) Matching,	10
Existing Tree to remain and be protected		
SHRUBS		
	SIZE	QTY
Nerium oleander "Petite Pink" Petite Pink Oleander	5 gallon	82
Caesalpinia Mexicana (Shrub form) Mexican Bird of Paradise	15 gallon	81
Leucophyllum frutescens "compacta" Compact Desert Sage	5 gallon	57
Agave weberii Webers Agave	5 gallon	98
Eremophila 'Valentine' Valentine Bush	5 gallon	52
Hesperaloe parviflora 'Perpa' Brakelights® Red Yucca	5 gallon	155
Dasyliion quadrangulatum Toothless Desert Spoon	5 gallon	61
GROUND COVER		
	SIZE	QTY
Lantana montevidensis New Gold & Purple Trailing Lantana	1 gallon	152
Ruellia brittoniana 'katie' Purple 'Little Katie' Ruellia	1 gallon	104
Convolvulus cnereum Bush Morning Glory	1 gallon	77
Annuals	4" pot 8" o.c.	90 s.f. 642 s.f.
Mid-Iron sod, hybrid bermuda		
INERT MATERIAL		
	SIZE	
Decomposed Granite - 1/2" screened - 2" min thickness Table Mesa Brown in all landscape areas.		
3" to 6" sized "Fractured Granite" Chunk Rock color : Table Mesa Brown (enclosed by Steel Edge at grade)		
4" x 6" Concrete Header at all turf and annual locations Surface Select Granite Boulders 3'x3'x3' minimum size (boulders to be minimum 1 ton in weight) bury a minimum of 1/3 4' x 4' scored colored concrete at 'Entry Plaza' area (ref. to arch. plans) (color per architect)		

PRELIMINARY LANDSCAPE NOTES

1. The entire site will be maintained in accordance with City of Gilbert Standards.
2. 60% of all trees will be 24" Box or larger.
3. An automatic irrigation system will be installed guaranteeing 100% coverage to all landscape areas.
4. 1/2" screened Table Mesa Brown 2" min thickness(submit sample to Landscape Architect for approval). Place in all non-river rock and non-lawn landscape areas. All earthwork will be done so that all water drains away from sidewalks, structures and will not impede natural drainage easements.
5. Structures and landscaping within a triangle measured back 10' from property line and 20' along property line on each side of the driveway entrance will be maintained at a maximum height of 3'.
6. Granite Rip Rap 3" to 6" (Table Mesa Brown). Place at all curb cuts and down spouts to prevent erosion. (see Civil for quantities and location.)
7. All final landscape plans to meet City of Gilbert min standards for qty and type.
8. Place arbor guards on all trees placed in turf areas.
9. Screen transformers and utility risers with landscape material.

BID & CONSTRUCTION NOTES:

1. All trees must meet or exceed the caliper, width and height at time of planting regardless of box size listed.
2. All trees to be tagged and approved at the nursery by the Landscape Architect a minimum of (6) months prior to planting.
3. Any trees may be rejected based on aesthetic quality and appearance.
4. Contractor to provide sample photos, specifications, quantities and location of trees to landscape architect a minimum of (1) one week prior to nursery visit for selection and review.
5. Landscape contractor to provide any deposit or retainers needed by nursery to retain trees for a period of (3) three months or more.

BLDG FOUNDATION LANDSCAPE & IRRIG NOTES:

1. Positive drainage of a minimum of 5% needs to be maintained from building exterior wall for a minimum of 10'.
2. NO irrigated plant materials are to be planted in the first 5' next to Building. Between 5' and 8', only landscape materials that can be irrigated with a MAXIMUM of 1 GPH. NO emitters are to be located between the Buildings and the Plant material.
3. Any Plant Material, including turf and annuals, shall be at least 5' from outside of face of building.
4. ALL Irrigation lines, other than those supplying individual emitters, shall be placed no closer than 5' to Building.
5. NO large trees are to be planted within a minimum of 10' from Buildings. Small patio trees with canopies of 10' or less may be planted at least 5 feet away from Buildings. Tree roots are to be discouraged to grow under Building Foundations.

263-1100
J
Call for the Blue Sheet
New York City
Call Collect

LASKIN & ASSOCIATES, INC.
LANDSCAPE ARCHITECTS
67 East Weldon Ave
Suite 230
Phoenix, Arizona 85012
P (602) 840-7771
F (602) 840-8021
www.laskindesign.com

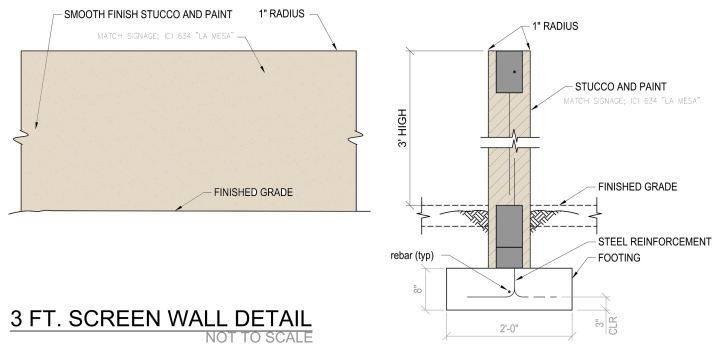


Copenhagen at SanTan Village Parkway
Gilbert, Arizona
PRELIMINARY LANDSCAPE PLAN

DRAWN
hcs
CHECKED
hal
SHEET SCALE
1"=30'
DATE
11/20/19
REVISIONS
2nd City submittal
CITY NUMBERS

SHEET NUMBER
Preliminary
Landscape Plan

PL.1



EXISTING LANDSCAPE & IRRIGATION NOTES

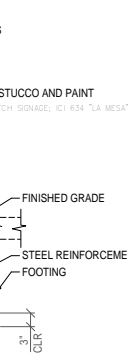
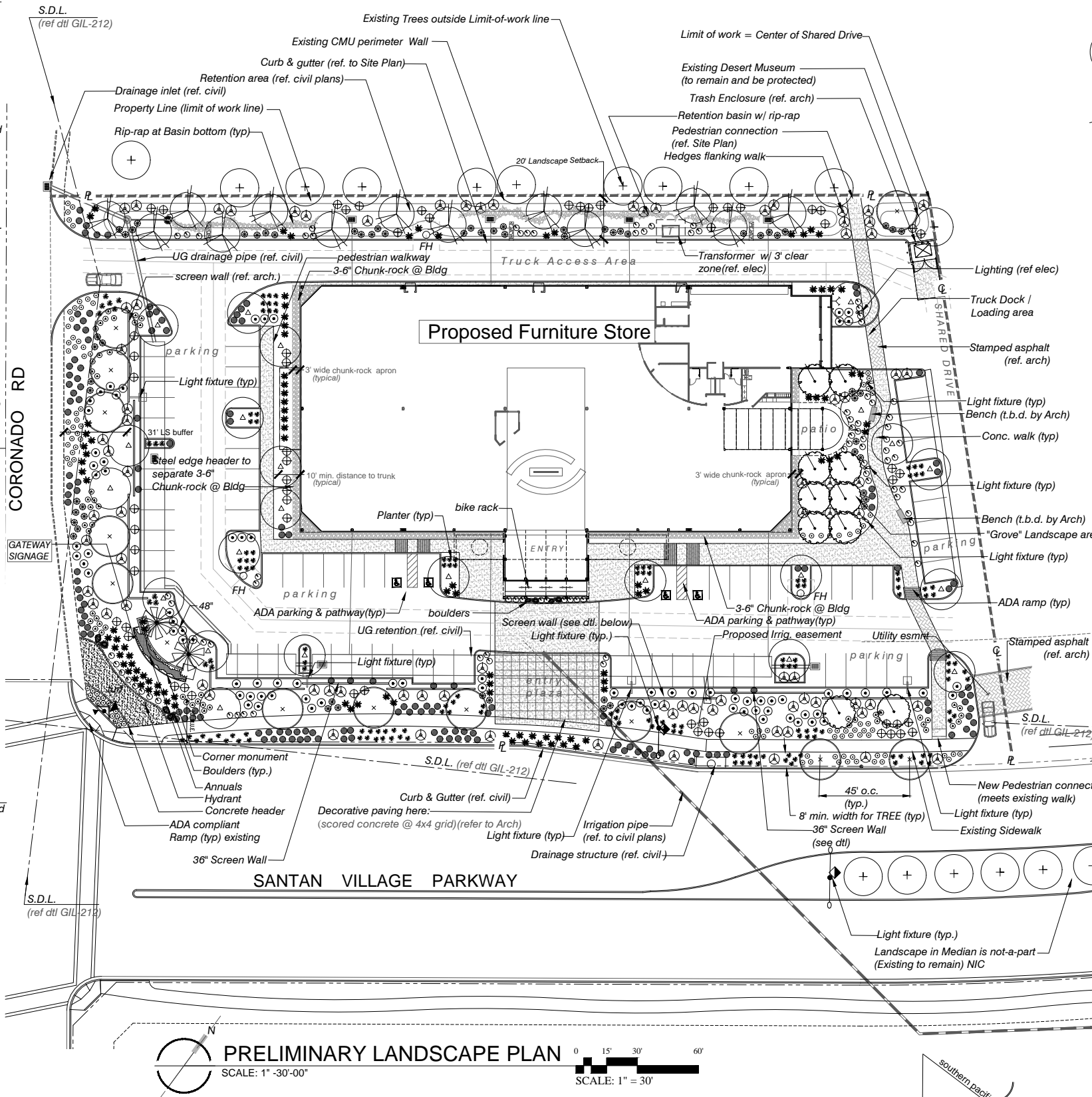
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MAINTENANCE NOTE:

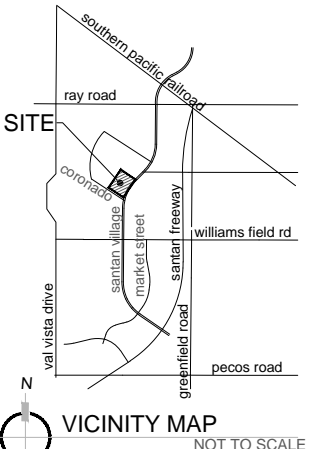
All landscape areas and materials shall be maintained in a healthy, neat, clean, and weed-free condition. this shall be the responsibility of the property owner. Construction and installation shall be in accordance with these plans and any deviations will require re-approval. Landscape installations shall be approved by the town of Gilbert inspection services before a certificate of occupancy can be issued.



GENERAL LANDSCAPE NOTES:

1. TREE CALIPERS FOR STANDARD (SINGLE) TRUNK TREES SHALL BE MEASURED AT THE WIDEST POINT WITHIN THE FIRST FOUR (4) TO SIX (6) INCHES ABOVE THE SOIL LINE, FOR TREES WITH FOUR (4) INCH CALIPER AND LESS; AND SIX (6) TO TWELVE (12) INCHES FOR TREES GREATER THAN FOUR (4) INCH CALIPER. TREE CALIPER FOR MULTI-TRUNK TREES SHALL BE MEASURED AT THE WIDEST POINT WITHIN THE FIRST SIX (6) INCHES ABOVE ORIGIN POINT OF THE SECOND LARGEST TRUNK OR SIX (6) INCHES ABOVE GROUND IF ALL TRUNKS ORIGINATE FROM THE SOIL. CALIPER OF MULTIPLE TRUNK TREES SHALL BE DETERMINED BY TAKING THE AVERAGE CALIPER OF ITS TWO (2) LARGEST TRUNKS.
2. TREE CALIPER AND HEIGHT SHALL GOVERN OVER ANY OTHER PLANTING SIZE INFORMATION PROVIDED ON THE DRAWINGS. TREES SPECIFIED BY CONTAINER SIZES ONLY SHALL NOT BE ACCEPTED.
3. THE PROPERTY OWNER AND/OR LESSEE SHALL BE RESPONSIBLE TO INSTALL/MAINTAIN ALL LANDSCAPING WITHIN THE RIGHT-OF-WAY. ALL LANDSCAPING SHALL BE MAINTAINED EXCEPT FOR THE RIGHT-OF-WAY TREES WHICH ARE PART OF THE PUBLIC INFRASTRUCTURE LS AND NOT-A-PART.
4. A THREE (3) FT CLEAR SPACE IS REQUIRED AROUND ALL FIRE SUPPRESSION EQUIPMENT. NO PLANTS MAY BE INSTALLED THAT ENCROACH UPON THIS CLEAR SPACE WHEN MATURE.

LANDSCAPE DATA -	
Gross Site Area:	116,662 s.f. 2.68 Acres
Acreage:	
Gross Building Area:	30,950 s.f. = .71 Acres
Lot coverage Percentage	26.3%
Total on-site Parking	74 spots
Landscape on-site Area:	32,205 s.f. = .74 Acres
Landscape as % of site:	27%
(Turf = 642 s.f. (total))	less than 2% of LS area
TOTAL Landscape Area:	32,205 S.F. (.74 AC.)



LANDSCAPE LEGEND

ALL TREES MUST MEET OR EXCEED CURRENT ANA SPECIFICATIONS			
TREES	SIZE	QTY	
Quercus virginiana Heritage Live Oak	24" box	22	
Cercidium x 'Desert Museum' Desert Museum	36" box u.o.n. standard 48" box standard	13 1	
Dalbergia sissoo Sissoo Tree	24" box standard	13	
Phoenix dactylifera Date Palm	20' t.f. diamond cut, matching	2	
Chitalpa "Pink Dawn" Chitalpa	2" caliper (min) Matching,	10	
Existing Tree to remain and be protected			
SHRUBS	SIZE	QTY	
Nerium oleander "Petite Pink" Petite Pink Oleander	5 gallon	82	
Caesalpinia Mexicana (Shrub form) Mexican Bird of Paradise	15 gallon	81	
Leucophyllum frutescens "compacta" Compact Desert Sage	5 gallon	57	
Agave weberii Webers Agave	5 gallon	98	
Eremophila 'Valentine' Valentine Bush	5 gallon	52	
Hesperaloe parviflora 'Perpa' Brakelights® Red Yucca	5 gallon	155	
Dasyliion quadrangulatum Toothless Desert Spoon	5 gallon	61	
GROUND COVER	SIZE	QTY	
Lantana montevidensis New Gold & Purple Trailing Lantana 50/50 Mix	1 gallon	152	
Ruellia brittoniana 'katie' Purple 'Little Katie' Ruellia	1 gallon	104	
Convolvulus cnereum Bush Morning Glory	1 gallon	77	
Annuals	4" pot 8" o.c.	90 s.f.	
Mid-Iron sod, hybrid bermuda		642 s.f.	
INERT MATERIAL		SIZE	
Decomposed Granite - 1/2" screened - 2" min thickness Table Mesa Brown in all landscape areas.			
3" to 6" sized "Fractured Granite" Chunk Rock color : Table Mesa Brown (enclosed by Steel Edge at grade)			
4" x 6" Concrete Header at all turf and annual locations Surface Select Granite Boulders 3'x3'x3' minimum size (boulders to be minimum 1 ton in weight) bury a minimum of 1/3			
4' x 4' scored colored concrete at 'Entry Plaza' area (ref. to arch. plans) (color per architect)			

PRELIMINARY LANDSCAPE NOTES

1. The entire site will be maintained in accordance with City of Gilbert Standards.
2. 60% of all trees will be 24" Box or larger.
3. An automatic irrigation system will be installed guaranteeing 100% coverage to all landscape areas.
4. 1/2" screened Table Mesa Brown 2" min thickness(submit sample to Landscape Architect for approval). Place in all non-river rock and non-lawn landscape areas. All earthwork will be done so that all water drains away from sidewalks, structures and will not impede natural drainage easements.
5. Structures and landscaping within a triangle measured back 10' from property line and 20' along property line on each side of the driveway entrance will be maintained at a maximum height of 3'.
6. Granite Rip Rap 3" to 6" (Table Mesa Brown). Place at all curb cuts and down spouts to prevent erosion. (see Civil for quantities and location.)
7. All final landscape plans to meet City of Gilbert min standards for qty and type.
8. Place arbor guards on all trees placed in turf areas.
9. Screen transformers and utility risers with landscape material.

BID & CONSTRUCTION NOTES:

1. All trees must meet or exceed the caliper, width and height at time of planting regardless of box size listed.
2. All trees to be tagged and approved at the nursery by the Landscape Architect a minimum of (6) months prior to planting.
3. Any trees may be rejected based on aesthetic quality and appearance.
4. Contractor to provide sample photos, specifications, quantities and location of trees to landscape architect a minimum of (1) one week prior to nursery visit for selection and review.
5. Landscape contractor to provide any deposit or retainers needed by nursery to retain trees for a period of (3) three months or more.

BLDG FOUNDATION LANDSCAPE & IRRIG NOTES:

1. Positive drainage of a minimum of 5% needs to be maintained from building exterior wall for a minimum of 10'.
2. NO irrigated plant materials are to be planted in the first 5' next to Building. Between 5' and 8', only landscape materials that can be irrigated with a MAXIMUM of 1 GPH. NO emitters are to be located between the Buildings and the Plant material.
3. Any Plant Material, including turf and annuals, shall be at least 5' from outside of face of building.
4. ALL irrigation lines, other than those supplying individual emitters, shall be placed no closer than 5' to Building.
5. NO large trees are to be planted within a minimum of 10' from Buildings. Small patio trees with canopies of 10' or less may be planted at least 5 feet away from Buildings. Tree roots are to be discouraged to grow under Building Foundations.

LASKIN & ASSOCIATES, INC.
LANDSCAPE ARCHITECTS
67 East Weldon Ave
Suite 230
Phoenix, Arizona 85012
P (602) 840-7771
F (602) 840-8021
www.laskindesign.com

20088
HARDY A. LASKIN
1/1/19
AZ 00000000

Copenhagen at SanTan Village Parkway
Gilbert, Arizona

PRELIMINARY LANDSCAPE PLAN

DRAWN
hcs

CHECKED
hal

SHEET SCALE
1"=30'

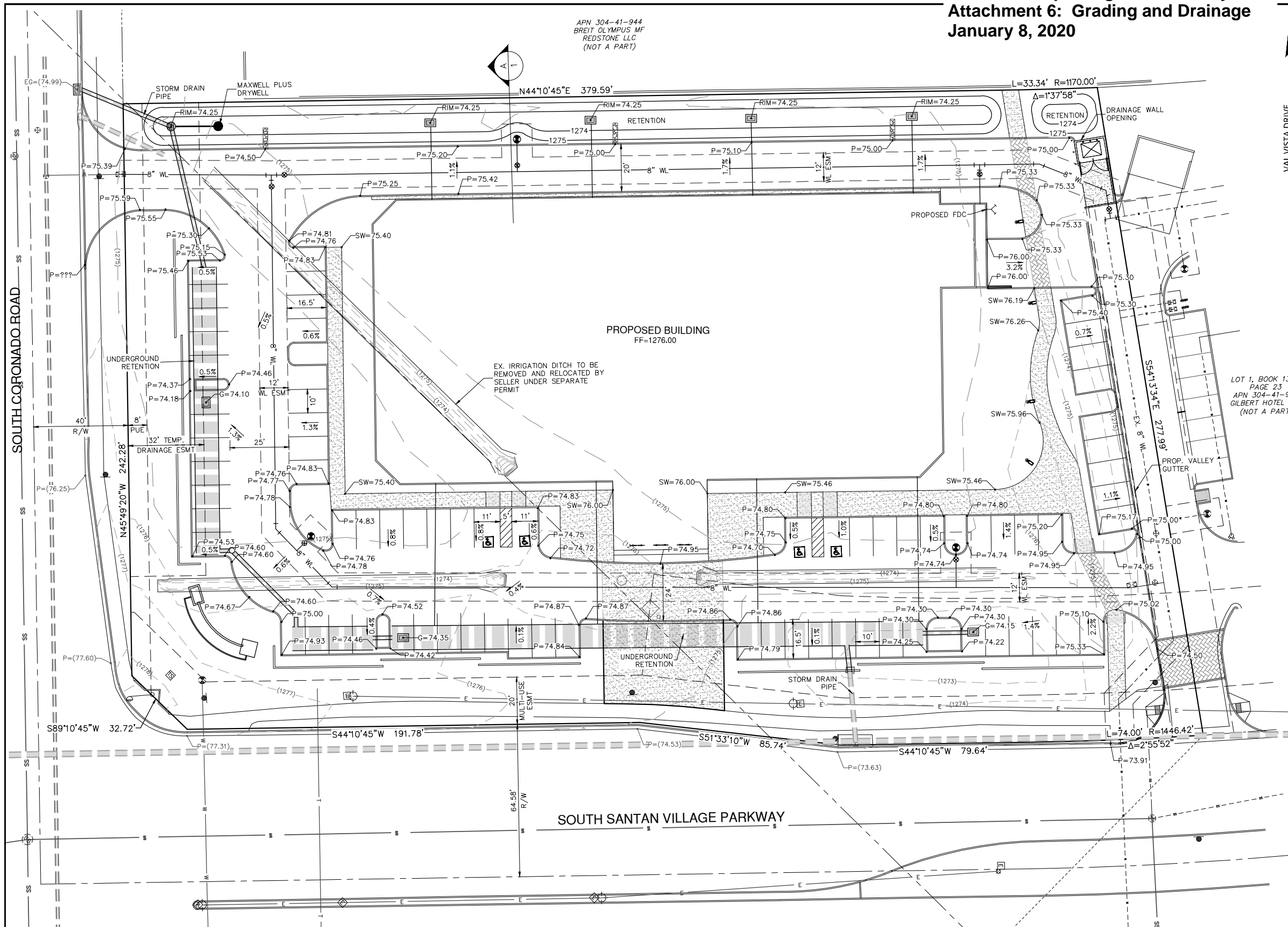
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11/19/19

REVISIONS
City submittal w/ changes

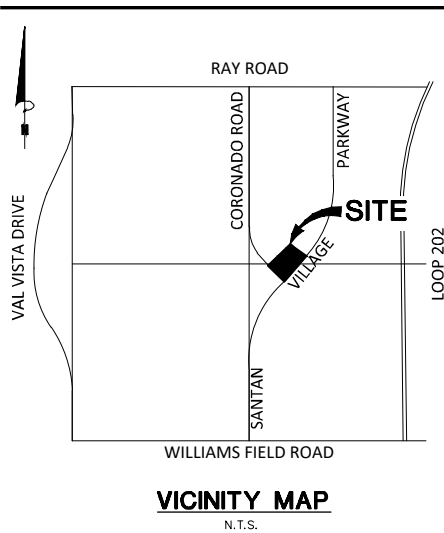
CITY NUMBERS

SHEET NUMBER
Preliminary Landscape Plan

PL.1



APN 304-41-944
BREIT OLYMPUS MF
REDSTONE, LLC
(NOT A PART)



ENGINEER

BOWMAN CONSULTING
1295 WEST WASHINGTON STREET
SUITE 108
TEMPE, ARIZONA 85281
PH: 480.629.8830
CONTACT: JOHN GRAY
EMAIL: JGRAY@BOWMANCG.COM

OWNER

COPENHAGEN IMPORTS INC.
1701 EAST CAMELBACK ROAD
PHOENIX, AZ 85016
PH: 602.266.8061
E-MAIL: JENS@COPENHAGENLIVING.COM

ARCHITECT

HISTORIC STREETSCAPES, PLLC
1711 EAST BROWN ROAD
MESA, ARIZONA 85203
CONTACT: RONALD PETERS
PH: 602.309.6524
EMAIL: RLPETERS@HISTORICSTREETSCAPES.COM

SITE DATA

EXISTING ZONING: RC
PARCEL NUMBER: 304-41-959
GROSS/NET SITE AREA: 2.68 ACRES (116,662 SF)
PROPOSED USE: RETAIL

RETENTION SUMMARY

RETENTION REQUIRED: 33,969 CF
RETENTION PROVIDED: 34,117 CF
WEIGHTED RUNOFF COEFFICIENT: 0.87

RETENTION REQUIRED:
 $V_r = D/12 \times A \times C$

D = RAINFALL (IN.) 3
A = AREA IN SQUARE FEET
C = COEFFICIENT OF RUNOFF

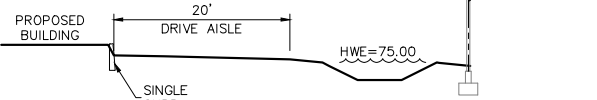
SUB AREA TYPE	AREA (SF)	RUNOFF COEFFICIENT	RETENTION REQUIRED (CF)	RETENTION REQUIRED (AC-FT)
ROOFS/CONCRETE	34,231	0.95	8,130	0.19
ASPHALT	89,881	0.90	20,223	0.46
DESERT LANDSCAPE	32,090	0.70	5,616	0.13
TOTALS	156,202		33,969	0.78
TOTAL RETENTION REQUIRED			33,969	0.78

RETENTION PROVIDED: RETENTION BASIN

CONTOUR ELEVATION	DEPTH INCREMENT	AREA (SF)	VOLUME (CF)	CUMM. VOLUME (CF)
1.00		2,834		0
2.00	1.00	5,710	4,272	4,272
TOTAL DEPTH: 1.00			VOLUME PROVIDED:	4,272

RETENTION PROVIDED: UNDERGROUND RETENTION

PIPE DIAMETER (FT)	TOTAL PIPE LENGTH (FT)	VOLUME (CF)
10	380	29,845
VOLUME PROVIDED:		29,845
TOTAL VOLUME PROVIDED:		34,117



SECTION A

Bowman
CONSULTING

Bowman Consulting Group, Ltd.
1295 West Washington, Ste 108
Tempe, Arizona 85281
Phone: (480) 629-8830
www.bowmanconsulting.com
© Bowman Consulting Group, Ltd.

GRADING & DRAINAGE PLAN

COPENHAGEN

NWC CORONADO RD & SAN TAN VILLAGE PKWY

GILBERT, ARIZONA

MARICOPA COUNTY

PROJECT NUMBER



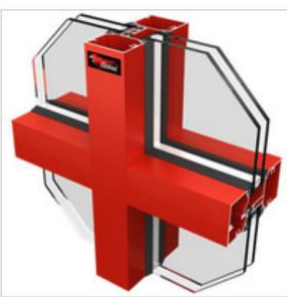
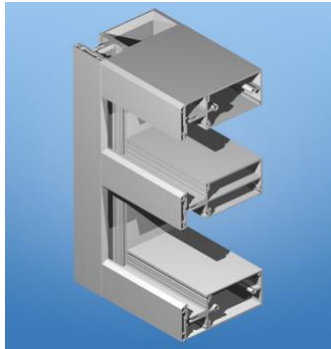
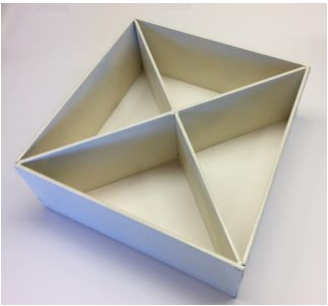

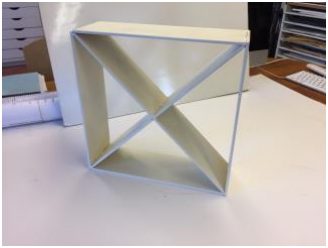

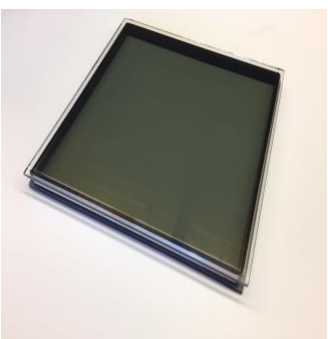

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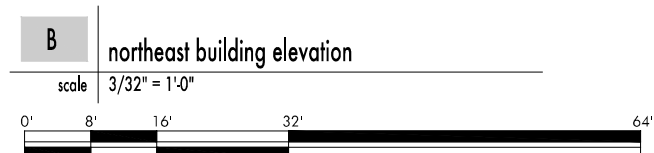
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		DESIGN	DRAWN	CHKD
SCALE		H: 1" = 20'	V: NONE	
JOB No.		050378-03-001		
DATE :		NOVEMBER 2019		

SHEET 1 OF 1

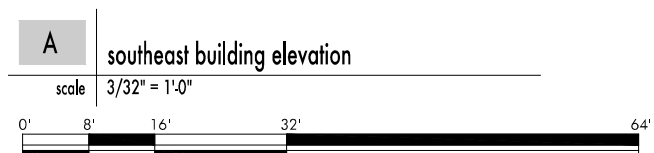
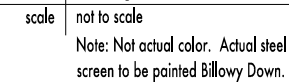
Copenhagen East Valley color board

2000 S San Tan Village Parkway Gilbert AZ. PA19-60

	<p>Cardinal Commercial Products Window wall. Cardinal Red DRS460009. A Hoskin & Muir Co.</p>	
<p>SW 6868 Real Red Interior / Exterior Locator Number: 101-C6</p>	<p>Sherwin Williams Real Red ext. paint SW6868 Building color.</p> <p>Sherwin Williams. Gauntlet Gray SW 7019 Building color.</p>	<p>SW 7019 Gauntlet Gray Interior / Exterior Locator Number: 244-C6</p>
<p>SW 7504 Keystone Gray Interior / Exterior Locator Number: 243-C4</p>	<p>Sherwin Williams Keystone Gray SW 7504 Building color.</p> <p>Screen wall panel detail. Light Gage steel painted finish</p>	
<p>Billowy Down 780E-1</p> 	<p>Behr paint. Billowy Down 780E-1 Screenwall color</p>	
	<p>One coat stucco exterior finish by Sto Corporation. Painted finish with colors noted.</p>	
<p>SW 7030 Anew Gray Interior / Exterior Locator Number: 243-C2</p>	<p>Sherwin Williams Anew Gray SW 7030 Building color.</p>	



KEYED NO.	COLOR NAME	MANUFACTURER	MANUFACTURER COLOR CODE
(A)	KEYSTONE GRAY	SHERWIN WILLIAMS	SW 7504
(B)	GAUNTLET GRAY	SHERWIN WILLIAMS	SW 7019
(C)	REAL RED	SHERWIN WILLIAMS	SW 6868
(D)	BILLOWY DOWN	BEHR PAINT	780E-1
(E)	CARDINAL RED	CARDINAL COMMERCIAL	DRS460009
(F)	CLEAR ANODIZED	ARCADIA GLASS	N/A
(G)	ANEW GRAY	SHERWIN WILLIAMS	SW 7030

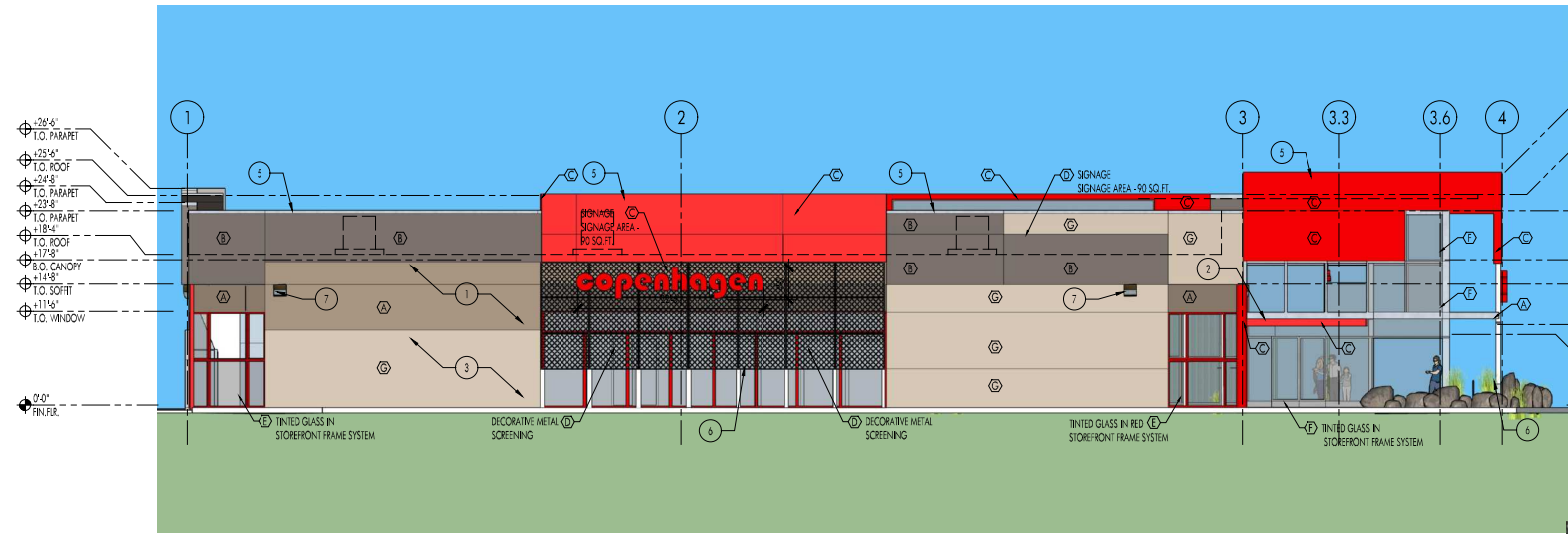


2000 SOUTH SAN TAN VILLAGE PARKWAY
GILBERT, ARIZONA 85295

[illegible]

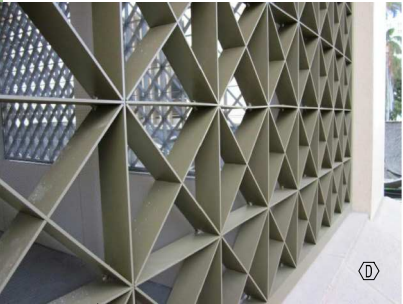
DRAWING NO.

A301



D southwest building elevation
scale 3/32" = 1'-0"

0' 8' 16' 32' 64'



1 enlarged steel screen sample
scale not to scale
Note: Not actual color. Actual steel screen to be painted Billowy Down.

General Notes:

- A. BUILDING ELEVATION COLORS SHOWN ON THESE PLANS MAY VARY SLIGHTLY DUE TO SIMULATED SUNLIGHT, SHADING AND SHADOWING BUILT INTO THE 3D MODEL SOFTWARE USED TO CREATE THE ELEVATIONS. ALL SIMILAR COLOR DESIGNATIONS WILL BE PAINTED THE SAME COLOR ACCORDING TO MATERIAL LEGEND.

Keyed Elevations Notes:

1. EXTERIOR WALL MATERIAL TO BE PAINTED ONE COAT STUCCO SYSTEM OVER WOOD FRAMED WALLS.
2. PAINTED STEEL CANOPY.
3. GALVANIZED STUCCO REVEALS.
4. PAINTED METAL OVERHEAD GARAGE DOOR.
5. PAINTED GALVANIZED CAP FLASHING AT ALL PARAPETS.
6. PAINTED STEEL SCREEN WALL SYSTEM. SEE DETAIL 1.
7. DARK BRONZE EXTERIOR WALL MOUNTED LIGHT FIXTURE. HEIGHT AT 14'-0" A.F.F.
8. DARK BRONZE PARKING LOT POLE MOUNTED LIGHT FIXTURE.

Material Legend:

	PAINTED IN REAL RED		PAINTED IN KEYSTONE GRAY		PAINTED IN ANEW GRAY
	PAINTED IN BILLOWY DOWN		PAINTED IN GAUNTLET GRAY		
	GLAZING: OLD CASTLE INSULATED GLAZING SYSTEM EXTERIOR LIGHT: SOLARGRAY INTERIOR LIGHT: SUNGUARD		CARDINAL COMMERCIAL PRODUCTS WINDOW WALL IN CARDINAL RED FINISH.		
	ARCADIA GLASS ALUMINUM CURTAIN WALL SYSTEM IN CLEAR FINISH.				

Material Color Schedule:

KEYED NO.	COLOR NAME	MANUFACTURER	MANUFACTURER COLOR CODE
A	KEYSTONE GRAY	SHERWIN WILLIAMS	SW 7504
B	GAUNTLET GRAY	SHERWIN WILLIAMS	SW 7019
C	REAL RED	SHERWIN WILLIAMS	SW 6868
D	BILLOWY DOWN	BEHR PAINT	780E-1
E	CARDINAL RED	CARDINAL COMMERCIAL	DRS460009
F	CLEAR ANODIZED	ARCADIA GLASS	N/A
G	ANEW GRAY	SHERWIN WILLIAMS	SW 7030

HISTORICSTREETSCAPES PLLC
ARCHITECTURE PLANNING ART-HISTORIC PRESERVATION
1711 E. BROWN ROAD
MESA, ARIZONA 85201
CELL PHONE - 602-309-3524



ARCHITECT
ENGINEER

COPENHAGEN EAST VALLEY

2000 SOUTH SAN TAN VILLAGE PARKWAY
GILBERT, ARIZONA 85295

REV.	DESCRIPTION	DATE

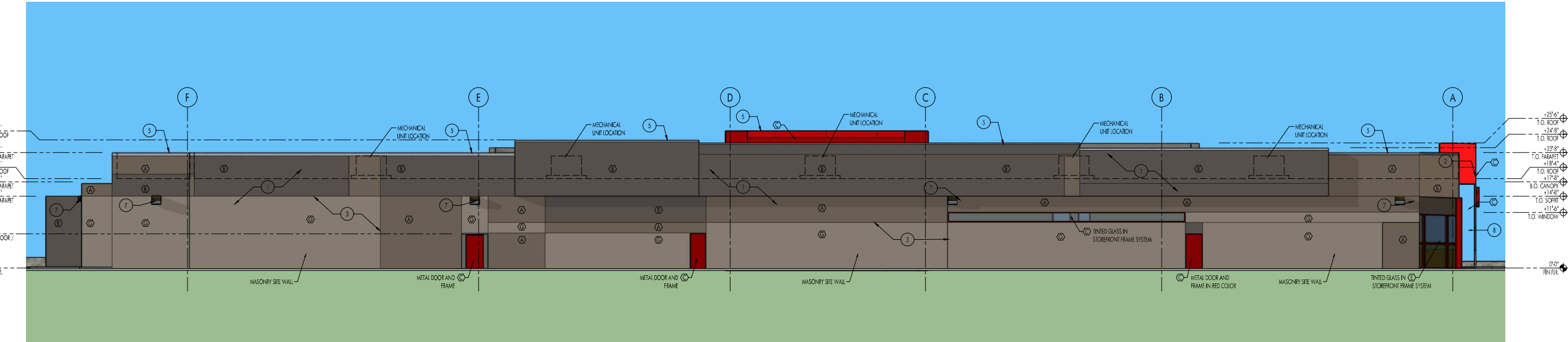
PROJECT NO.
1911

DATE
JULY 29th, 2019

DRAWING TITLE
BUILDING ELEVATIONS

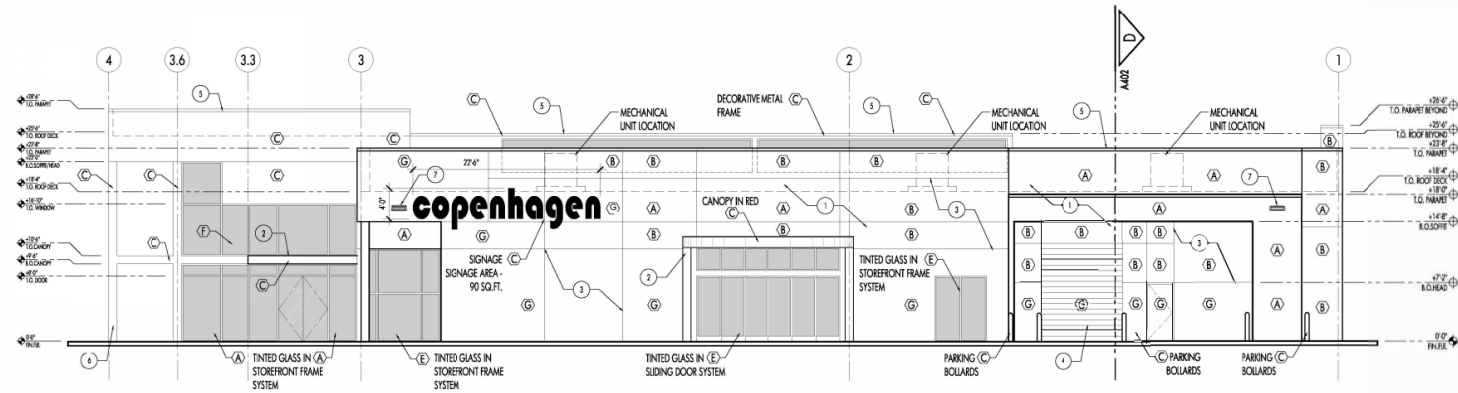
DRAWING NO.

A302

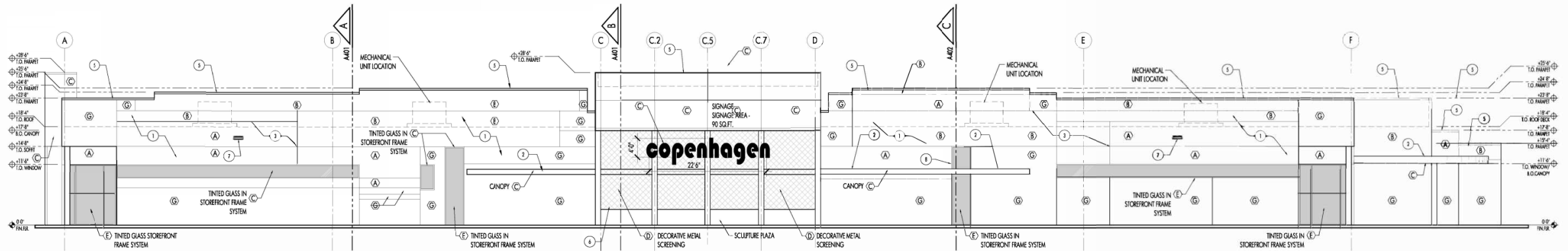


C northwest building elevation
scale 3/32" = 1'-0"

0' 8' 16' 32' 64'



B northeast building elevation
scale 1/8" = 1'-0"



A southeast building elevation
scale 1/8" = 1'-0"

Keyed Elevations Notes:

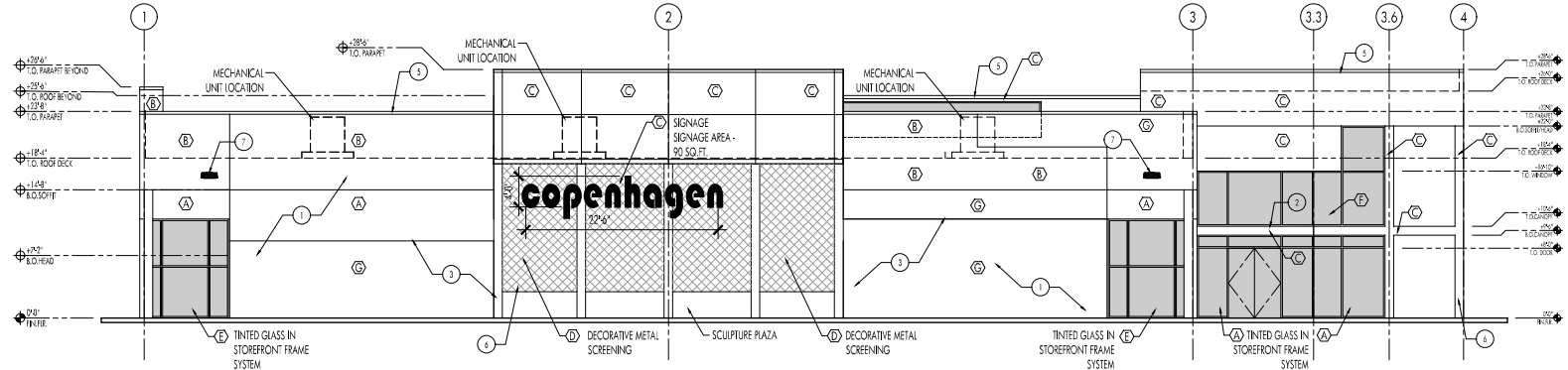
1. EXTERIOR WALL MATERIAL TO BE PAINTED ONE COAT STUCCO SYSTEM OVER WOOD FRAMED WALLS.
2. PAINTED STEEL CANOPY.
3. GALVANIZED STUCCO REVEALS.
4. PAINTED METAL OVERHEAD GARAGE DOOR.
5. PAINTED GALVANIZED CAP FLASHING AT ALL PARAPETS.
6. PAINTED STEEL SCREEN WALL SYSTEM. SEE DETAIL 1.
7. DARK BRONZE EXTERIOR WALL MOUNTED LIGHT FIXTURE. HEIGHT AT 14'-0" A.F.F.
8. DARK BRONZE PARKING LOT POLE MOUNTED LIGHT FIXTURE.

Material Color Schedule:

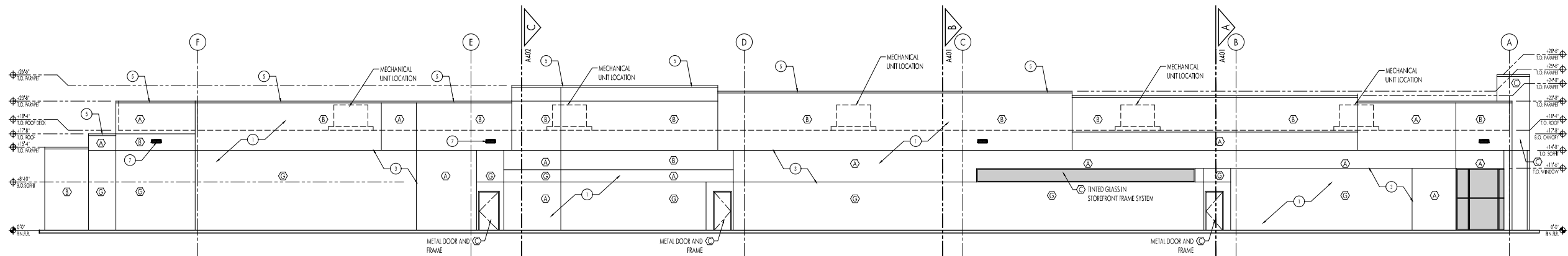
KEYED NO.	COLOR NAME	MANUFACTURER	MANUFACTURER COLOR CODE
(A)	KEYSTONE GRAY	SHERWIN WILLIAMS	SW 7504
(B)	GAUNTLET GRAY	SHERWIN WILLIAMS	SW 7019
(C)	REAL RED	SHERWIN WILLIAMS	SW 6868
(D)	BILLOWY DOWN	BEHR PAINT	780E-1
(E)	CARDINAL RED	CARDINAL COMMERCIAL	DES460009
(F)	CLEAR ANODIZED	ARCADIA GLASS	N/A
(G)	ANEW GRAY	SHERWIN WILLIAMS	SW 7030



I enlarged steel screen sample
scale not to scale
Note: Not actual color. Actual steel screen to be painted Billogy Down.



D southwest building elevation
scale 3/32" = 1'-0"
0' 4' 8' 16' 32'



C northwest building elevation
scale 3/32" = 1'-0"
0' 4' 8' 16' 32'

Keyed Elevations Notes:

1. EXTERIOR WALL MATERIAL TO BE PAINTED ONE COAT STUCCO SYSTEM OVER WOOD FRAMED WALLS.
2. PAINTED STEEL CANOPY.
3. GALVANIZED STUCCO REVEALS.
4. PAINTED METAL OVERHEAD GARAGE DOOR.
5. PAINTED GALVANIZED CAP FLASHING AT ALL PARAPETS.
6. PAINTED STEEL SCREEN WALL SYSTEM. SEE DETAIL 1.
7. DARK BRONZE EXTERIOR WALL MOUNTED LIGHT FIXTURE. HEIGHT AT 14'4" A.F.F.
8. DARK BRONZE PARKING LOT POLE MOUNTED LIGHT FIXTURE.

Material Color Schedule:

KEYED NO.	COLOR NAME	MANUFACTURER	MANUFACTURER COLOR CODE
(A)	KEYSTONE GRAY	SHERWIN WILLIAMS	SW 7504
(B)	GAUNTLET GRAY	SHERWIN WILLIAMS	SW 7019
(C)	REAL RED	SHERWIN WILLIAMS	SW 6868
(D)	BILLOWY DOWN	BEHR PAINT	780E-1
(E)	CARDINAL RED	CARDINAL COMMERCIAL	DRS460009
(F)	CLEAR ANODIZED	ARCADIA GLASS	N/A
(G)	ANEW GRAY	SHERWIN WILLIAMS	SW 7030



1 enlarged steel screen sample
scale not to scale
Note: Not actual color. Actual steel screen to be painted Billovy Down.

HISTORICSTREETSCAPES PLLC
ARCHITECTURE, PLANNING, ART, HISTORIC PRESERVATION
1711 E. BROWN ROAD
MESA, ARIZONA 85201
CELL PHONE - 602.390.3524



ARCHITECT

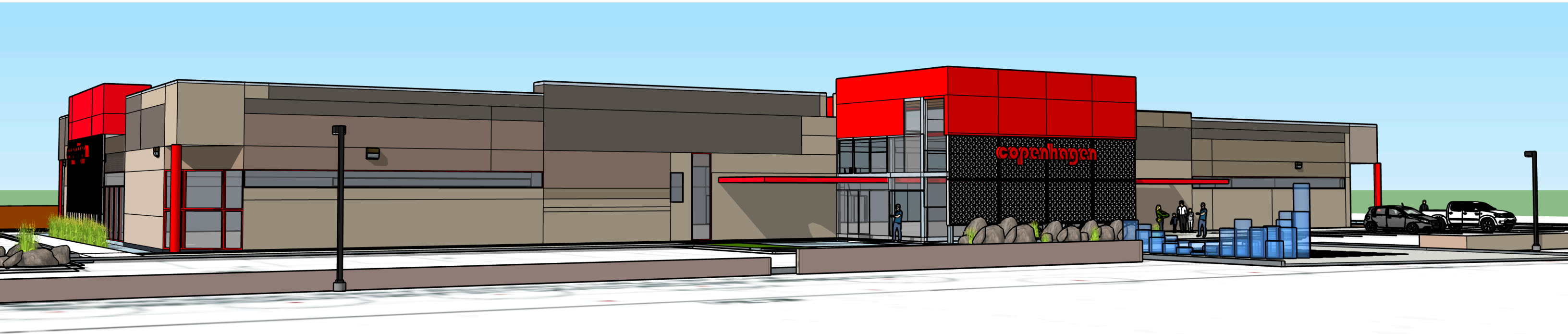
ENGINEER

COPENHAGEN EAST VALLEY

2000 SOUTH SAN JUAN BLVD. PHOENIX, ARIZONA 85004

REV.	DESCRIPTION	DATE

PROJECT NO.
DATE DECEMBER 17th, 2019
DRAWING TITLE BUILDING ELEVATIONS
DRAWING NO. A302



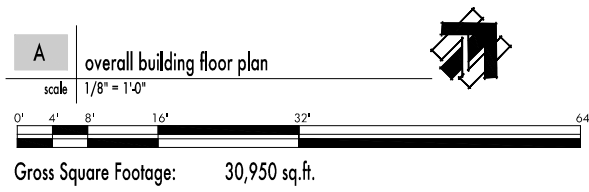
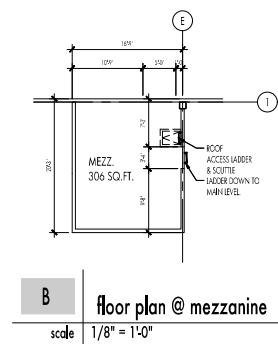
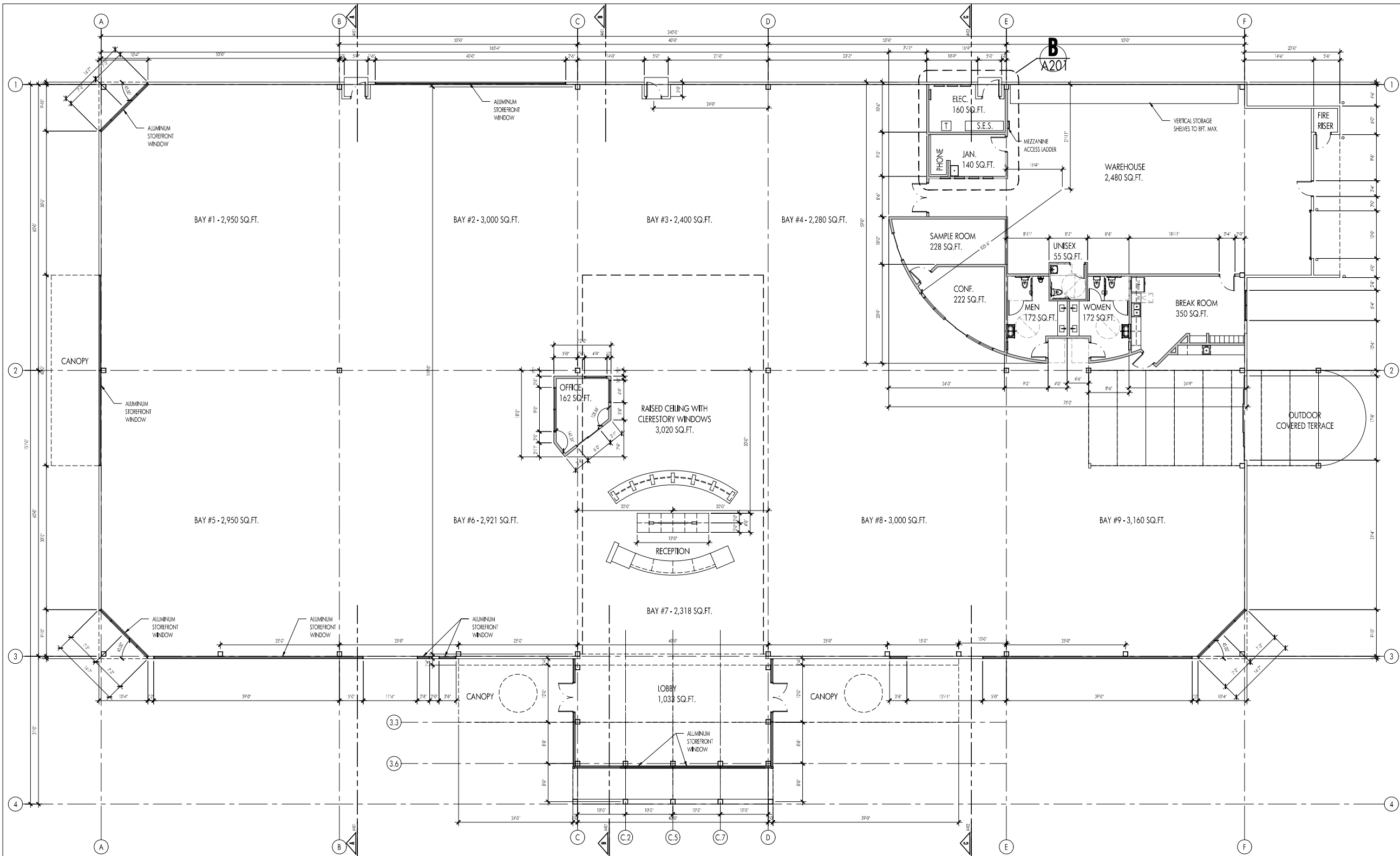




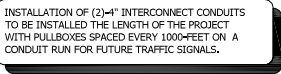


REV.	DESCRIPTION	DATE

PROJECT NO.	
DATE	JULY 29th, 2019
DRAWING TITLE	BUILDING FLOOR PLAN
DRAWING NO.	A201



DR19-117 Copenhagen East Valley
Attachment 9: Floor Plans
January 8, 2020



Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PROPERTY LINE	Illuminance	Fc	0.11	0.9	0.0	N.A.	N.A.
SITE	Illuminance	Fc	1.57	13.7	0.0	N.A.	N.A.



ARCHITECT



2500 SOUTH SAN TAN VILLAGE PARKWAY
GILBERT, ARIZONA 85295

PROJECT NO.
1911

DATE
JULY 29th, 2019

DRAWING TITLE
SITE PHOTOMETRIC
PLAN

DRAWING NO.

PH101



DESCRIPTION

The Galleon™ Wall LED luminaire's appearance is complementary with the Galleon area and site luminaire bringing a modern architectural style to lighting applications. Flexible mounting options accommodate wall surfaces in both an upward and downward configuration. The Galleon family of LED products deliver exceptional performance with patented, high-efficiency AccuLED Optics™, providing uniform and energy conscious lighting for parking lots, building and security lighting applications.

SPECIFICATION FEATURES

Construction
Driver enclosure thermally isolated from optics for optimal thermal performance. Heavy wall aluminum housing de-cast with integral external heat sinks to provide superior structural rigidity and an IP66 rated housing. Overall construction passes a 1.5G vibration test to ensure mechanical integrity. UPLIGHTING: Specify with the UPL option for inverted mount upright housing with additional protections to maintain IP rating.

Optics
Choice of thirteen patented, high-efficiency AccuLED Optics. The optics are precisely designed to shape the distribution maximizing efficiency and application spacing. AccuLED Optics create consistent distributions with the scalability to meet customized application requirements. Offered standard in 4000K (+/- 275K) CCT and minimum 70 CRI. Optional 3000K, 5000K

and 6000K CCT. Greater than 90% lumen maintenance expected at 60,000 hours. Available in standard 1A drive current and optional 1200mA, 800mA, and 600mA drive currents.

Electrical
LED drivers are mounted for ease of maintenance. 120-277V 50/60Hz, 347V or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. Drivers are provided standard with 0-10V dimming. An optional Eaton proprietary surge protection module is available and designed to withstand 10kV of transient line surge. The Galleon Wall LED luminaire is suitable for operation in -40°C to 40°C ambient environments. For applications with ambient temperatures exceeding 40°C, specify the HA (High Ambient) option. Emergency egress options for -20°C ambient environments and occupancy sensor available.

Mounting
Gasketed and zinc plated rigid steel mounting attachment fits directly to 4" J-box or wall with the Galleon Wall "Hook-N-Lock" mechanism for quick installation. Secured with two captive corrosion resistant black oxide coated allen head set screws which are concealed but accessible from bottom of fixture.

Finish
Housing finished in super durable TGIC polyester powder coat paint. 2.5 mil nominal thickness for superior protection against fade and wear. Standard colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available. Consult the McGraw-Edison Architectural Colors brochure for the complete selection.

Warranty
Five-year warranty.



GWC GALLEON WALL

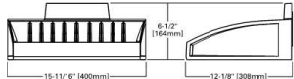
1-2 Light Squares

Solid State LED

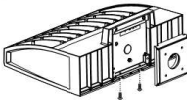
WALL MOUNT LUMINAIRE

WaveLinX

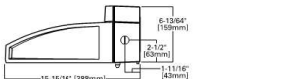
DIMENSIONS



HOOK-N-LOCK MOUNTING



BATTERY BACKUP AND THRU-BRANCH BACK BOX



EATON

Energy Business Solutions



CERTIFICATION DATA
ULCUL Listed
LM79 / LM80 Compliant
IP66 Housing
ISO 9001
DesignLights Consortium* Qualified*

ENERGY DATA
Electronic LED Driver
+0.9 Power Factor
<25% Total Harmonic Distortion
120-277V 50/60Hz
347V, 480V 60Hz
40°C Max. Temperature
40°C Max. Temperature
60°C Max. Temperature (HA Option)

SHIPPING DATA
Approximate Net Weight
27 lbs. (12.2 kgs.)

TDS14017EN
July 25, 2019 4:08 PM

*www.designlights.org

FIXTURE TYPE 'S1'

SCALE: NONE

GARDCO
by @Ignify

Site & Area

Form 10 LED

Square arm mount



Gardco Form 10 LED square arm mount luminaires are cutoff area luminaires featuring LED arrays. These products provide performance excellence and feature advanced Gardco LED thermal management technology. High performance Class 1 LED systems offer the potential for energy savings up to 50 % when compared to HID systems. The EH units are manufactured from mitered extruded aluminum and finished in an Architectural Class I anodizing. Form 10 LED square luminaires provide full cutoff performance and feature a flat glass lens.

Ordering guide

Prefix	Number of LEDs	Drive Current	LED Color - Generation	Mounting	Dist.	Voltage	Controls	Electrical	Luminaire	Finish
										BZ
EH4L 14" Square Extruded Luminaire LED	32L 32 LEDs	450 450mA	NW-G2 Neutral White 4000K, 70CRI Generation 2	ARM mounts AR1 for 3"-4 1/2" round pole AR2 for 4 1/2" round pole AR3 for square pole AR3 for square pole	2 Type 2	120 120V 208 208V 240 240V 277 277V	DD 0-10V Dimming Driver F1 Single (120, 277, 347VAC) F2 Double (208, 240, 480VAC) F3 Canadian Double Pole (208, 240, 480VAC) TLRDS Twist Lock Receptacle 5 Pin ¹ WM1 with am ² UNV 120-277V 50Hz/60Hz HVV 347-480V 50Hz/60Hz	Fusing F1 Single (120, 277, 347VAC) F2 Double (208, 240, 480VAC) F3 Canadian Double Pole (208, 240, 480VAC) Pole Mount Fusing F1 Single (120, 277, 347VAC) F2 Double (208, 240, 480VAC) F3 Canadian Double Pole (208, 240, 480VAC) SP1 Standard IOWA SP2 Increased IOWA SP3 Increased XOWA	HIS Internal Shield ¹ BRA Bronze Anodized BLA Black Anodized NA Natural Anodized BK Black paint BZ Bronze paint WH White paint MG1 Medium Gray paint RAL Specify optional color see RAL 7020 CC Custom color	BRA Bronze Anodized BLA Black Anodized NA Natural Anodized BK Black paint BZ Bronze paint WH White paint MG1 Medium Gray paint RAL Specify optional color see RAL 7020 CC Custom color
EH9L 19" Square Extruded Luminaire LED	48L 48 LEDs	900 900mA	NW-G2 Neutral White 4000K, 70CRI Generation 2	ARM Mounts to a 2-3/8" OD post Max Mounts to a 2-3/8" OD post Max	2 Type 2	120 120V 208 208V 240 240V 277 277V	DD 0-10V Dimming Driver F1 Single (120, 277, 347VAC) F2 Double (208, 240, 480VAC) F3 Canadian Double Pole (208, 240, 480VAC) TLRDS Twist Lock Receptacle 5 Pin ¹ WM1 with am ² UNV 120-277V 50Hz/60Hz HVV 347-480V 50Hz/60Hz	Fusing F1 Single (120, 277, 347VAC) F2 Double (208, 240, 480VAC) F3 Canadian Double Pole (208, 240, 480VAC) Pole Mount Fusing F1 Single (120, 277, 347VAC) F2 Double (208, 240, 480VAC) F3 Canadian Double Pole (208, 240, 480VAC) SP1 Standard IOWA SP2 Increased IOWA SP3 Increased XOWA	HIS Internal Shield ¹ BRA Bronze Anodized BLA Black Anodized NA Natural Anodized BK Black paint BZ Bronze paint WH White paint MG1 Medium Gray paint RAL Specify optional color see RAL 7020 CC Custom color	BRA Bronze Anodized BLA Black Anodized NA Natural Anodized BK Black paint BZ Bronze paint WH White paint MG1 Medium Gray paint RAL Specify optional color see RAL 7020 CC Custom color

Prefix	Number of LEDs	Drive Current	LED Color - Generation	Mounting	Dist.	Voltage	Controls	Electrical
EH4L-RK	14" Square Retrofit Kit	32L 32 LEDs	450 450mA	NW-G2 Neutral White 4000K, 70CRI Generation 2	2 Type 2 3 Type 3 4 Type 4 5 Type 5	120 120V 208 208V 240 240V 277 277V	DD 0-10V Dimming Driver F1 Single (120, 277, 347VAC) F2 Double (208, 240, 480VAC) F3 Canadian Double Pole (208, 240, 480VAC) TLRDS Twist Lock Receptacle 5 Pin ¹ WM1 with am ² UNV 120-277V 50Hz/60Hz HVV 347-480V 50Hz/60Hz	Surge Protection SP1 Standard 10kVA SP2 Increased 20kVA

Form_10_EH_LED 02/19 page 1 of 3

FIXTURE TYPE 'S4'

SCALE: NONE



TDS14017EN
5/26/2019

DESCRIPTION

The Galleon™ Wall LED luminaire's appearance is complementary with the Galleon area and site luminaire bringing a modern architectural style to lighting applications. Flexible mounting options accommodate wall surfaces in both an upward and downward configuration. The Galleon family of LED products deliver exceptional performance with patented, high-efficiency AccuLED Optics™, providing uniform and energy conscious lighting for parking lots, building and security lighting applications.

SPECIFICATION FEATURES

Construction
Driver enclosure thermally isolated from optics for optimal thermal performance. Heavy wall aluminum housing de-cast with integral external heat sinks to provide superior structural rigidity and an IP66 rated housing. Overall construction passes a 1.5G vibration test to ensure mechanical integrity. UPLIGHTING: Specify with the UPL option for inverted mount upright housing with additional protections to maintain IP rating.

Optics
Choice of thirteen patented, high-efficiency AccuLED Optics. The optics are precisely designed to shape the distribution maximizing efficiency and application spacing. AccuLED Optics create consistent distributions with the scalability to meet customized application requirements. Offered standard in 4000K (+/- 275K) CCT and minimum 70 CRI. Optional 3000K, 5000K

and 6000K CCT. Greater than 90% lumen maintenance expected at 60,000 hours. Available in standard 1A drive current and optional 1200mA, 800mA, and 600mA drive currents.

Electrical
LED drivers are mounted for ease of maintenance. 120-277V 50/60Hz, 347V or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. Drivers are provided standard with 0-10V dimming. An optional Eaton proprietary surge protection module is available and designed to withstand 10kV of transient line surge. The Galleon Wall LED luminaire is suitable for operation in -40°C to 40°C ambient environments. For applications with ambient temperatures exceeding 40°C, specify the HA (High Ambient) option. Emergency egress options for -20°C ambient environments and occupancy sensor available.

Mounting
Gasketed and zinc plated rigid steel mounting attachment fits directly to 4" J-box or wall with the Galleon Wall "Hook-N-Lock" mechanism for quick installation. Secured with two captive corrosion resistant black oxide coated allen head set screws which are concealed but accessible from bottom of fixture.

Finish
Housing finished in super durable TGIC polyester powder coat paint. 2.5 mil nominal thickness for superior protection against fade and wear. Standard colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available. Consult the McGraw-Edison Architectural Colors brochure for the complete selection.

Warranty
Five-year warranty.



GWC GALLEON WALL

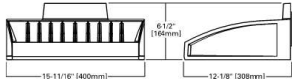
1-2 Light Squares

Solid State LED

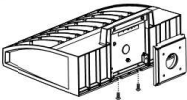
WALL MOUNT LUMINAIRE

WaveLinX

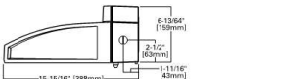
DIMENSIONS



HOOK-N-LOCK MOUNTING



BATTERY BACKUP AND THRU-BRANCH BACK BOX



EATON

Energy Business Solutions



CERTIFICATION DATA
ULCUL Listed
LM79 / LM80 Compliant
IP66 Housing
ISO 9001
DesignLights Consortium* Qualified*

ENERGY DATA
Electronic LED Driver
+0.9 Power Factor
<25% Total Harmonic Distortion
120-277V 50/60Hz
347V, 480V 60Hz
40°C Max. Temperature
40°C Max. Temperature
60°C Max. Temperature (HA Option)

SHIPPING DATA
Approximate Net Weight
27 lbs. (12.2 kgs.)

TDS14017EN
July 25, 2019 4:08 PM

*www.designlights.org

FIXTURE TYPE 'S2'

SCALE: NONE

Halo Commercial

Catalog #	PR8S 10 D010 MB PR8M12 WD MB	Type
Project	COPENHAGEN	S5
Comments		Date
Prepared by	ILLUMINATION SYSTEMS ARIZONA	07/25/19

SPECIFICATION FEATURES

MECHANICAL

Housing
One piece spun aluminum surface mount housing is available in powder coat matte white and matte black and painted metallic silver finishes. May be used for new construction or renovation work.

Mounting
Provided with mounting pattern for direct installation to 3-1/4" and 4" octagonal or 4" square junction box.

OPTICAL

LED Module
Self-flanged aluminum housing maximizes thermal performance. LED array uses a plurality of mid-power surface mount LED packages delivering high flux and excellent efficiency. Switch selectable 3000K, 3500K or 4000K CCT reduces ordering complexity and provides flexibility in the field. Color point accuracy within 3 SDCM and 80 CRI minimum provides color quality and uniformity. Passive thermal management achieves L70 at 50,000 hours. Integral connector allows quick connection during installation.

Shielding
Field interchangeable lenses available in either medium or wide distributions. Optional field installed wall wash optic provides 360° rotation, allowing for the housing to be installed in any orientation.

Retention
Module retained with two torsion springs holding the LED module tight to the housing.

ELECTRICAL
Driver
Integral UNV 120 - 277V 50/60 Hz constant current driver provides noise free operation. Continuous, flicker-free dimming from 100% to 1% using 0-10V analog control.

COMPLIANCE
- eULUS Listed Classified, wet location labeled for covered ceilings.
- IP55 rated
- EMI/RFI emissions per FCC 47CFR Part 18 non-consumer limits.
- Contains no mercury or lead and RoHS compliant.
- Photometric testing in accordance with IES LM-79-08 and TM-30-15.
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.
- Can be used to comply with California Title 24 Non-Residential Lighting Controls requirements as a LED Luminaire.
- ENERGY STAR® Certified. See energystar.gov website for current information.
WARRANTY
Limited 5-year warranty, see website for details.
www.eaton.com/lighting/leгал



PR8S10
PR8S15
PR8S20
PR8S30
PR8S40

PR8M12
PR8M34

1000, 1500, 2000,
3000 & 4000
Lumen Series

8-Inch Shallow Lens
LED Surface Downlight

Medium, Wide &
Wall Wash Distribution

seleCCTable™



Lumens	1000 Series	Lumens	2000 Series	Lumens	4000 Series
Input Voltage	120V 277V	Input Voltage	120V 277V	Input Voltage	120V 277V
Input Current	0.09A 0.04A	Input Current	0.18A 0.08A	Input Current	0.36A 0.16A
Input Power	10.5W 11.2W	Input Power	22W 22.5W	Input Power	43.5W 43W
THD < 20%					
PF > 0.90					
T Ambient -30 ~ +40°C					
Sound Rating < 22dba					

EATON

Energy Business Solutions

TDS17012EN
5/26/2019

FIXTURE TYPE 'S5'

SCALE: NONE

GARDCO
by @Ignify

Site & Area

Form 10 LED

Square arm mount



Gardco Form 10 LED square arm mount luminaires are cutoff area luminaires featuring LED arrays. These products provide performance excellence and feature advanced Gardco LED thermal management technology. High performance Class 1 LED systems offer the potential for energy savings up to 50 % when compared to HID systems. The EH units are manufactured from mitered extruded aluminum and finished in an Architectural Class I anodizing. Form 10 LED square luminaires provide full cutoff performance and feature a flat glass lens.

Ordering guide

Prefix	Number of LEDs	Drive Current	LED Color - Generation	Mounting	Dist.	Voltage	Controls	Electrical	Luminaire	Finish
EH4L 14" Square Extruded Luminaire LED	32L 32 LEDs	450 450mA 900 900mA	NW-G2 Neutral White 4000K, 70CRI Generation 2	Arm mounts AR1 for 3"-4 1/2" round pole AR2 for 4 1/2" round pole AR3 for square pole AR3 for square pole	2 Type 2 3 Type 3 4 Type 4 5 Type 5	120 120V 208 208V 240 240V 277 277V	DD 0-10V Dimming Driver F1 Single (120, 277, 347VAC) F2 Double (208, 240, 480VAC) F3 Canadian Double Pole (208, 240, 480VAC) TLRDS Twist Lock Receptacle 5 Pin ¹ WM1 with am ² UNV 120-277V 50Hz/60Hz HVV 347-480V 50Hz/60Hz	Fluorescent F1 Single (120, 277, 347VAC) F2 Double (208, 240, 480VAC) F3 Canadian Double Pole (208, 240, 480VAC) Push Mount Finger Switch F1 Single (120, 277, 347VAC) F2 Double (208, 240, 480VAC) F3 Canadian Double Pole (208, 240, 480VAC) Switch Protection UNV 120-277V 50Hz/60Hz HVV 347-480V 50Hz/60Hz SP1 Standard 100VA SP2 Increased 200VA	HIS Internal House Side Shield ¹ BRA Bronze Anodized BLA Black Anodized NA Natural Anodized BK Black paint BZ Bronze paint WH White paint MG1 Medium Gray paint RAL Specify optional color see RAL 7020 CC Custom color	

Prefix	Number of LEDs	Drive Current	LED Color - Generation	Mounting	Dist.	Voltage	Controls	Electrical
EH4L-RK	14" Square Retrofit Kit	32L 32 LEDs	450 450mA	NW-G2 Neutral White 4000K, 70CRI Generation 2	2 Type 2 3 Type 3 4 Type 4 5 Type 5	120 120V 208 208V 240 240V 277 277V	DD 0-10V Dimming Driver F1 Single (120, 277, 347VAC) F2 Double (208, 240, 480VAC) F3 Canadian Double Pole (208, 240, 480VAC) TLRDS Twist Lock Receptacle 5 Pin ¹ WM1 with am ² UNV 120-277V 50Hz/60Hz HVV 347-480V 50Hz/60Hz	Surge Protection SP1 Standard 10kVA SP2 Increased 20kVA

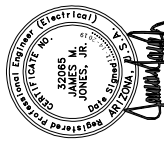
Form_10_EH_LED 02/19 page 1 of 3

FIXTURE TYPE 'S3'

SCALE: NONE

HISTORICSTREETSCAPES PLLC
ARCHITECTURE-PLANNING-ART-HISTORIC PRESERVATION
1711 E. BROWN ROAD
MESA, ARIZONA 85201
CELL PHONE + 602.905.3524

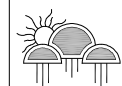
ARCHITECT



COPENHAGEN EAST VALLEY

2500 SOUTH SAN TAN VILLAGE PARKWAY
GILBERT, ARIZONA 85295

PROJECT NO.	1911	DATE	10.07.19
DATE	JULY 29th, 2019	DESCRIPTION	DRB COMMENTS
DRAWING TITLE	LIGHTING CUTSHEETS	REV.	1
DRAWING NO.	PH102		



Kraemer Consulting Engineers, PLLC.
Mechanical and Electrical Engineers
2050 West Whispering Wind Dr., Suite 150
Phoenix, Arizona 85005-2864
(602) 255-1699
(602) 255-4450 - fax
JCB & H-184

DESCRIPTION

Recessed 8-inch shallow lensed LED downlight is available in multiple lumen and optical distribution combinations. Choose between 3000K 3500K and 4000K CCT in the field with selectCTable™ technology. Suitable for commercial new construction or renovation work. Coordinated retrofit and surface mount versions are also available. Use for general area lighting where high efficiency and long life are required.

SPECIFICATION FEATURES

MECHANICAL

Frame
Boat shaped galvanized steel frame with adjustable gaster lip accommodates ceilings up to 1/2" - 1.34" thick. May be used for new construction or renovation work. Provided with (2) remodel clips to secure frame when installed from below the ceiling.

Mounting Brackets
Bar hanger receivers adjusts 2" vertically from above the ceiling or thru the aperture. Use with No Fuses™ bar hangers or with 1/2" EMT. Removable to facilitate installation from below the ceiling.

No Fuses™ Bar Hangers
Captive preinstalled bar hanger locks to tee grid with a screwdriver or pliers. Centering mechanism allows consistent positioning of fixtures.

OPTICAL LED Module
Self-flanged aluminum housing maximizes thermal performance. LED array uses a plurality of mid-power surface mount LED packages delivering high flux and excellent efficiency. Switch selectable 3000K, 3500K or 4000K CCT reduces ordering complexity and provides flexibility in the field. Color point accuracy within 3 SDCM and 80 CRI minimum provides color quality and uniformity. Passive thermal management achieves L70 at 50,000 hours. Integral connector allows quick connection to frame/housing flex.

Lumens	1000 Series
Input Voltage	120V 277V
Input Current	0.09A 0.04A
Input Power	10.5W 11.2W
Lumens	1500 Series
Input Voltage	120V 277V
Input Current	0.125A 0.06A
Input Power	19W 15.9W

Lumens	2000 Series
Input Voltage	120V 277V
Input Current	0.18A 0.08A
Input Power	22W 22.5W
Lumens	3000 Series
Input Voltage	120V 277V
Input Current	0.24A 0.10A
Input Power	28.5W 28.5W

Lumens	4000 Series
Input Voltage	120V 277V
Input Current	0.36A 0.16A
Input Power	43.5W 43W
THD: < 20%	
PF: ≥ 0.90	
T Ambient: -30 ~ +40°C	
Sound Rating < 22dba	



FIXTURE TYPE 'S6'

SCALE: NONE

DESCRIPTION

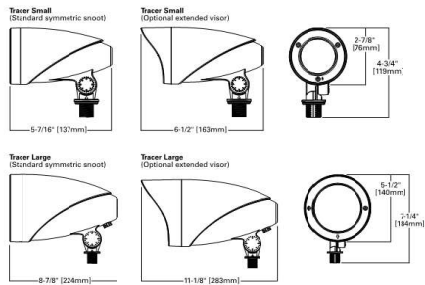
Combining value and performance in a unique, patent-pending durable design, the Tracer LED floodlight luminaire delivers superior uniformity and excellent illumination to the targeted application. The rugged, die-cast housing is IP66 rated for exceptional durability and long-term reliability. The Tracer Floodlight provides design flexibility for applications such as landscape, accent, facade, or sign lighting.

SPECIFICATION FEATURES

Construction
Heavy-duty, die-cast aluminum housing provides durability and an IP66 rating to protect against moisture and contaminants. Clear tempered glass lens protects optics and encloses the front cover of the luminaire.

Optics
The discrete LED optics provide illumination that has been precisely designed to shape the distribution as spot, medium, or wide. Multiple lumen packages ranging from 550 up to 2,500 lumens. Offered standard in 4000K (4+/- 275K) CCT and minimum 70 CRI. Optional 5000K CCT or 3000K CCT available. Removable, pre-installed standard symmetric snoot as well included and field-replaceable with included extended vision for more cut-off applications.

DIMENSIONS



FIXTURE TYPE 'S9'

SCALE: NONE

Halo Commercial

Catalog #	HALO PR8 30 D010 MB PR8M12 MD MB	Type
Project	COPENHAGEN	S6
Comments		Date
Prepared by	ILLUMINATION SYSTEMS ARIZONA	07/25/19



PR810
PR815
PR820
PR830
PR840

PR8M12
PR8M34

1000, 1500, 2000,
3000 & 4000
Lumen Series

8-Inch Shallow Lens
LED Recessed
Downlight

Medium, Wide &
Wall Wash Distribution

selectCTable™



TD5017010EN
5/30/2019

DESCRIPTION

The LuxeScape Collection presents a contemporary, architectural daylight providing superior uniformity and efficient illumination. Designed to enhance urban spaces with beautiful visual appearances and integral control solutions, LuxeScape integrates into any environment while providing high visibility by utilizing industry-leading WaveStream™ LED optics.

SPECIFICATION FEATURES

Construction
Housing assembly is IP66 rated and cast from low copper content corrosion resistant aluminum, maintaining strength and precision to sustain long-term daylight appearance. 3G rated construction avoids damages from installation generated vibration. Corrosion-resistant color matching hardware are minimized to enhance appearance.

Optics
Designed for complex site or pedestrian applications, WaveStream™ LED optical waveguide technology produces both symmetric NEMA Type V and asymmetric NEMA II, III, IV distributions. The waveguide is manufactured from precision injection molded acrylic delivering visual comfort and optically controlled illumination for improved glare control. Luminaire efficacy measures in excess of 100 lm/W for 4000K (4+/- 275K) CCT at 70 CRI (min). Optional 3000K CCT at 70 CRI or 5000K CCT at 80 CRI also available.

Electrical
LED drivers are uniquely positioned and mounted for maximum thermal performance and extended life. Standard 0-10V

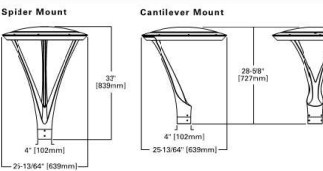
dimming drivers and surge protection module are designed to withstand 18kV of transient line surge. Drivers operate at 120-277V 50/60Hz with 347V 60Hz or 480V 60Hz operation optional. Suitable for ambient temperature applications as low as -40°C (40°F) to 40°C (104°F). Limited high ambient options allow for 50°C operation.

Controls
Control options are designed to be simple, cost-effective, energy code, and regulation compliant solutions. Requires a 7-PIN NEMA twistlock photocontrol receptacle.

An integrated dimming and occupancy sensor is a stand-alone control option available in On/Off (MS) and bi-level dimming (MS/ DIM) operation. The optional LumaVatt Pro system is a wireless network of luminaire-integral sensors. Each sensor is capable of motion and photo sensing, metering power consumption and wireless communication. See control options page for more details.

Mounting
Invue's aluminum round decorative pole (ARP) offering provides a seamless transition and complements the contemporary design architecture

DIMENSIONS



FIXTURE TYPE 'S7'

SCALE: NONE

Invue

Catalog #	LXS-B1 LED-B1-5TS-0P-S-ARP-5-M-6-10-10P-1X-X3	Type
Project	COPENHAGEN	S7
Comments		Date
Prepared by	ILLUMINATION SYSTEMS ARIZONA	07/25/2019



LXS LUXESCAPE
COLLECTION

DECORATIVE LUMINAIRE



CERTIFICATION DATA
ULxUL Listed
FCC Class A
IEC 60820 IP66 Housing
ANSI C136.31-30 Vibration
ASTM A356.0 Low Copper Alloy
ASTM B117 Salt Spray Tested
RoHS
ISO 9001
DesignLights Consortium® Qualified*

ENERGY DATA
Electronic LED Driver
≥ 0.9 Power Factor
≤ 20% Total Harmonic Distortion
120-277V 50/60Hz, 347V 60Hz, 480V 60Hz
40°C Ambient Temperature Rating
As low as -40°C (-40°F) minimum temperature
*See MINIMUM TEMPERATURE table

EPA
Effective Projected Area (Sq. Ft.)
Cantilever Mount: 1.6
Spider Mount: 1.6

SHIPPING DATA
Approximate Net Weight:
Cantilever Mount Weight: 46 lbs. (24 kgs.)
Spider Mount Weight: 53 lbs. (24 kgs.)



*www.designlights.org

TD500059EN
July 23, 2019 1:03 PM

DESCRIPTION

Combining value and performance in a compact, robust design, the Night Falcon low wattage LED floodlight luminaire delivers superior uniformity and excellent illumination to the targeted application. The rugged, die-cast housing is IP66 rated for exceptional durability and long term reliability. Available in several mounting configurations and weighing less than 14 pounds, this fixture provides you with design flexibility while simplifying installation. The low wattage LED floodlight can be wall, ground, or pole mounted, making it ideal for all commercial, industrial, and residential low wattage floodlighting applications.

SPECIFICATION FEATURES

Construction
Heavy-duty, die-cast aluminum housing, driver compartment and driver housing door. The housing, driver compartment and optical chamber are IP66 rated. Access to the driver for maintenance is achieved with a removable driver door using pan head screws. A one-piece silicone gasket seals the door to the fixture housing. Suitable for mounting within 4' (1.2m) of the ground.

Optics
The LED chamber incorporates a vacuum metallized reflector that provides high-efficiency illumination. Optics are precisely designed to shape the wide NEMA Type Bx4 6V distribution, maximizing efficiency and application spacing. A 3Hx 3V distribution is available for lighting tall, narrow surfaces. Clear glass tempered lens with full circumference form-in-place silicone gasket protects the optics from damage. Offered standard in 4000K (4+/- 275K) CCT and minimum 70 CRI optional. Optional 5700K CCT, 3000K CCT, 5000K CCT minimum 70 CRI are available.

Electrical
LED driver is mounted to the removable die-cast aluminum door

for optimal heat sinking and ease of maintenance. 128-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation. Integral 3kV surge is standard. 10kV MOV surge protection is available. 0-10V dimming driver is standard. Button photocontrols are available in 120V and 208-277V. Suitable for ambient temperatures from -40°C to 40°C. Optional 59°C HA (high ambient) available. 93% lumen maintenance greater than 50,000 hours per IESNA TM-21.

Accessories
Heavy-duty steel top and side vision control glare and spill light. 1/8" thick UV stabilized vandal guard shields glass lens from impact when mounted at low levels. Easy to install wire guard features a heavy-gauge welded construction with corrosion resistant polyester powder coat finish to protect glass from projected objects.

Mounting
Heavy-gauge steel trunnion-mount utilizes interlocking slide adjustment and is supplied with 3 feet of pre-wired 50W, wet location rated cord. Trunnion base can be lag bolted to any surface and is 30 vibration rated (ANSI C136.31). Heavy-duty, die-cast aluminum knuckle base utilizes

tooth-lock adjustment with visual 5° adjustment indicators that allow for 180° rotation of the luminaire. Knuckle fits 1/2" NPT available mounting junction box cover (supplied by others) and is secured with supplied locking nut and is 1.5G vibration rated. A die-cast aluminum alligator with a tooth lock adjustment that can be adjusted in 5° increments is available and is 1.5G vibration rated.

Finish
Housing and cast parts finished in five-stage super TGIC polyester powder coat paint. 2.5 mil nominal thickness for superior protection against fade and wear. Standard color is carbon bronze. Additional colors available in summit white, white, grey, bronze, black, dark platinum and graphite metallic. Consult your lighting representative at Eaton for a complete selection of standard colors.

Warranty
Five-year warranty.

Lumark

Catalog #	Type
Project	
Comments	Date
Prepared by	



NFFLD-S
NIGHT FALCON
SMALL

Solid State LED

FLOODLIGHT



CERTIFICATION DATA
ULxUL Wet Location Listed
IP66 Fixture and Optical Chamber
LM79M80 Compliant
1.5G Vibration Rated - Knuckle Mount
3.0G Vibration Rated - Spigot Mount
RoHS Compliant
DesignLights Consortium® Qualified*

ENERGY DATA
Electronic LED Driver
≥ 0.9 Power Factor
≤ 20% Total Harmonic Distortion
120V 50/60Hz, 347V 60Hz and 480V 60Hz
40°C Min. Ambient Temperature Rating
+40°C Max. Ambient Temperature Rating

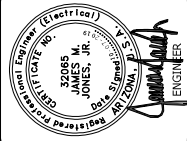
EPA
Effective Projected Area (Sq. Ft.): 5.55
Approximate Net Weight:
13 lbs. (6 kgs.)



TD500011EN
June 15, 2019 5:21 AM

HISTORICSTREETSCAPES PLLC
ARCHITECTURE/PLANNING/ART-HISTORIC PRESERVATION
1711 E. BROWN ROAD
MESA, ARIZONA 85201
CELL PHONE - 602.305.3524

ARCHITECT



COPENHAGEN EAST VALLEY

2500 SOUTH SAN TAN VILLAGE PARKWAY
GILBERT, ARIZONA 85295

REV.	DESCRIPTION	DATE
1	DRB COMMENTS	10-07-19

PROJECT NO.

1911

DATE

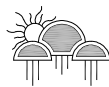
JULY 29th, 2019

DRAWING TITLE

LIGHTING
CUTSHEETS

DRAWING NO.

PH103



Kraemer Consulting Engineers, PLLC.
Mechanical and Electrical Engineers
2050 West Whispering Wind Dr., Suite 150
Phoenix, Arizona 85005-2864
(602) 285-1669
(602) 285-4450 - fax
JCB & RT-184